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SUCCESSORS TO
THE IMMIGRATION ASSOCIATION,
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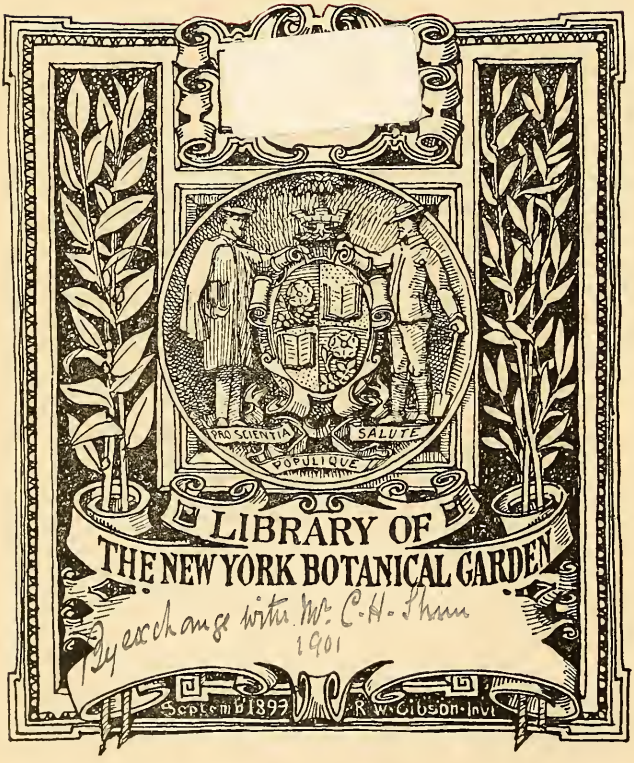

C. H. STREET & CO.,
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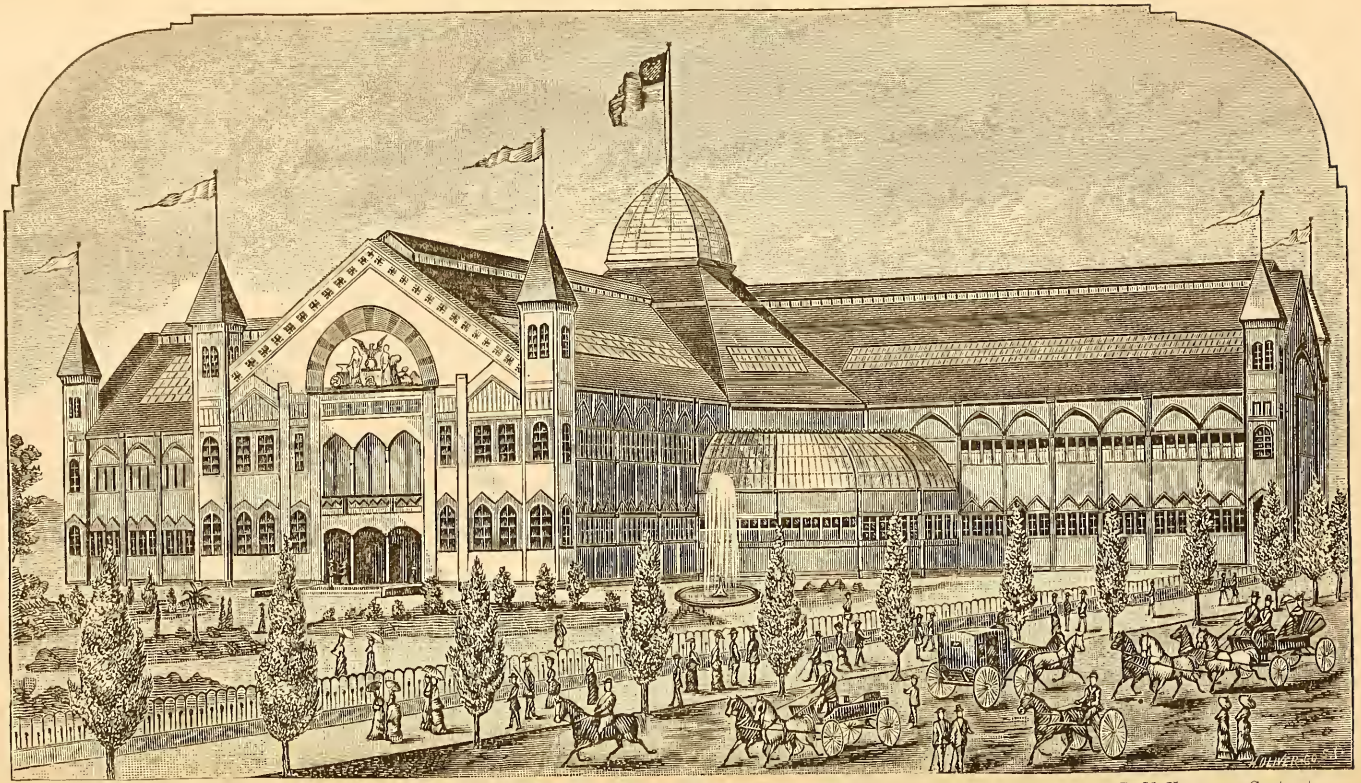
STATE AGRICULTURAL AND INDUSTRIAL EXPOSITION BUILDING.



A. W. BURRELL, Architect. Erected at Sacramento, California, in 1883. R. MCKILLICAN, Contractor.

TRANSACTIONS

OF THE

CALIFORNIA

STATE AGRICULTURAL SOCIETY

DURING THE YEAR 1884.

LIBRARY
NEW YORK
BOTANICAL
GARDEN.

SACRAMENTO:
STATE OFFICE . . . . . JAMES J. AYERS, SUPT. STATE PRINTING.
1885.

X1
R324
1884

STATE BOARD OF AGRICULTURE FOR 1884.

DIRECTORS.

CHRISTOPHER GREEN	Sacramento.
JESSE D. CARR	Salinas, Monterey County.
J. McM. SHAFTER	San Francisco.
G. W. HANCOCK	Sacramento.
R. H. NEWTON	Woodland, Yolo County.
L. J. ROSE	San Gabriel, Los Angeles County.
P. A. FINIGAN	San Francisco.
W. P. COLEMAN	Sacramento.
L. U. SHIPPEE	Stockton.
JOHN BOGGS	Princeton, Colusa County.
C. M. CHASE	San Francisco.
H. M. La RUE	Sacramento.

OFFICERS OF THE BOARD.

PRESIDENT,

P. A. FINIGAN ..... San Francisco.

SECRETARY,

EDWIN F. SMITH ..... Sacramento.

TREASURER,

L. A. UPSON ..... Sacramento.

GENERAL SUPERINTENDENT OF PARK,

CHRISTOPHER GREEN ..... Sacramento.

GENERAL SUPERINTENDENT OF PAVILION,

W. P. COLEMAN ..... Sacramento.

NEW YORK BOTANICAL GARDEN

STATE AGRICULTURAL SOCIETY.

AN ACT

TO PROVIDE FOR THE MANAGEMENT AND CONTROL OF THE STATE AGRICULTURAL SOCIETY BY THE STATE.

[Approved April 15, 1880.]

The People of the State of California, represented in Senate and Assembly, do enact as follows:

SECTION 1. The State Agricultural Society is hereby declared to be a State institution.

SEC. 2. Within ten days after the passage of this Act, the Governor shall appoint twelve resident citizens of the State, who shall, when organized, constitute a State Board of Agriculture, who shall, except as hereinafter provided, hold office for the term of four years, and until their successors are appointed and qualified. Vacancies occurring from any cause in the Board shall be filled by appointment of the Governor for the unexpired term of the office vacated.

SEC. 3. Within ten days after their appointment, the persons so appointed shall qualify, as required by the Constitution, and shall meet at the office of the State Agricultural Society, and organize by the election of one of their number as President of the Board and said society, who shall hold said office of President for the term of one year, and until his successor is elected and qualified. The Board shall also elect a Secretary and Treasurer, not of their number, who shall each hold office at the discretion of the Board.

SEC. 4. At the same meeting the members of the Board shall, by lot or otherwise, classify themselves into four classes of three members each. The terms of office of the first class shall expire at the end of the first fiscal year; of the second class, of the second year; of the third class, of the third year; of the fourth class, at the end of the full term of four years. The fiscal year shall be from the first of February to the first of February.

SEC. 5. The State Board of Agriculture shall be charged with the exclusive management and control of the State Agricultural Society as a State institution; shall have possession and care of its property, and be intrusted with the direction of its entire business and financial affairs. They shall define the duties of the Secretary and Treasurer, fix their bonds and compensation, and shall have power to make all necessary changes in the Constitution and rules of the society, to adapt the same to the provisions of this Act, and to the management of the society, its meetings and exhibitions. They shall provide for an annual Fair or exhibition by the society of all the industries and industrial products of the State, at the City of Sacramento; *provided*, that in no event shall the State be liable for any premium awarded or debt created by said Board of Agriculture.

SEC. 6. The Board shall have power to appoint all necessary Marshals and police to keep order and preserve peace at the annual Fairs of the society; and the officers so appointed shall be vested with the same authority for the preservation of order and peace, on the grounds and in the buildings of the society, that executive peace officers are vested with by law.

SEC. 7. Said Board shall use all suitable means to collect and disseminate all kinds of information calculated to educate and benefit the industrial classes, develop the resources, and advance the material interests of the State, and shall, on or before the first day of February of each year, report to the Governor a full and detailed account of their transactions, statistics, and information gained, and also a full financial statement of all funds received and disbursed. They shall also make such suggestions and recommendations as experience and good policy may dictate for the improvement and advancement of the agricultural and kindred industries.

SEC. 8. The Superintendent of State Printing shall, each year, print and bind in cloth four thousand volumes of said transactions, and deliver the same to said Board of Agriculture for distribution and exchange. He shall also do such job printing as said Board may require to carry out the provisions of this Act.

SEC. 9. The Directors or Board of Managers of each county and district agricultural society or association, and of county, district, or State horticultural and stock breeding association or society, organized and acting under the laws of this State, shall report annually, on or before the first day of April, to the State Board of Agriculture, the name and Post Office address of each officer of such society or association; and, on or before the first day of December, shall report to the Board of Agriculture the transactions of said society, including the premiums offered, the list of stock and articles exhibited, and the premiums paid; the amount of receipts

NOV 8 1901

and expenditures for the year, the new industries inaugurated, and any and all facts and statistics showing the development and extent of the industries, products, and resources of the county or district embraced within the management of such society or association; *provided*, that the provisions of this Act shall not apply to any Board of Commissioners or other body organized under the laws of this State, the object of which is to promote vinicultural industries, unless such Board or body shall voluntarily request the privilege of making such reports as are called for by this Act, in which case this Board or body shall enjoy equal privileges as are accorded to other institutions devoted to agriculture.

SEC. 10. To facilitate such reports, the State Board of Agriculture shall have prepared, and shall furnish such societies with necessary schedules and blanks for such reports; and such State Board shall include such reports from societies and associations, or so much thereof as they may deem advisable, in their report to the Governor.

SEC. 11. When said State Board of Agriculture shall have been organized and classified as provided herein, the Secretary of the Board shall report such organization and classification to the Governor. He shall also report any vacancy that may occur in said Board at any time.

SEC. 12. All laws and parts of laws in conflict with this Act are hereby repealed.

SEC. 13. This Act shall take effect and be in force from and after its passage.

CONSTITUTION

OF THE

CALIFORNIA STATE AGRICULTURAL SOCIETY.

[Revised and adopted by the State Board of Agriculture, May 18, 1880.]

NAME.

SECTION 1. This society shall be called "The California State Agricultural Society."

OBJECT.

SEC. 2. It shall be the object of this society to encourage the cultivation of the soil, and the general development of all the agricultural resources of this State.

SEC. 3. To foster every branch of mechanical and household arts calculated to increase the happiness of home life.

SEC. 4. To extend and facilitate the various branches of mining and mining interests.

MEMBERSHIP.

SEC. 5. *Annual Members.*—Any person who shall pay into the funds of this society the sum of five dollars, may become a member of the same; such membership to expire at the end of the current fiscal year.

SEC. 6. *Life Members.*—Any person may become a member for life by the payment of fifty dollars; or, if already a member, by the payment of forty-five dollars, or by serving a full term as a member of the State Board of Agriculture, and shall thereafter be exempt from all dues and assessments.

SEC. 7. *Honorary and Corresponding Members.*—Any person whom the Board shall propose may be elected an honorary or corresponding member, and shall enjoy, free of charge, all the privileges of the society, except voting and holding office.

SEC. 8. *Privileges of Members.*—Any citizen of this State being a member of this society, shall be eligible to office, entitled to vote, and enjoy the free use of the library, under the rules of the same, and have free admission, accompanied by his wife and minor children, to all the exhibitions of the society, and shall be permitted to compete for premiums in any or all departments.

SEC. 9. *Expulsion of Members.*—Any member who shall present for exhibition any article or animal which he is not entitled by the rules of the society to exhibit, or who shall attempt to deceive, or be guilty of a breach of good faith towards the society, may be expelled by a vote of two thirds of the members present at any meeting of the Board; *provided*, always, that no member shall be expelled unless written notice of the alleged offense shall have been served on him, or left at his usual place of residence at least twenty days previous to the action.

OFFICERS.

SEC. 10. The officers of this society shall consist of twelve Directors, to be appointed by the Governor, who shall constitute a State Board of Agriculture, seven of whom shall constitute a quorum. The Board shall be charged with the exclusive management and control of the State Agricultural Society as a State institution; shall have possession and care of its property, and be intrusted with the direction of its entire business and financial affairs; shall have power to make all necessary changes in the Constitution and rules of the society; shall provide for an annual Fair or exhibition by the society of all the industries and industrial products of the State, at the City of Sacramento, and such other exhibition as they may deem important. They shall elect one of their members as President of the Board and society, and a Treasurer and Secretary, not members of the Board. They may also appoint, annually, as officers of the Board, a chemist, a botanist, a mineralogist, a geologist, a metallurgist, an ornithologist, and an entomologist, and define the duties of each. They may appoint such committees on the

various departments of agriculture, mining, and manufactures, either generally or for specific purposes, as they may deem important for the best interests of the State, and require such committees to report the results of their investigations to the Board at such times as may be named by them.

SEC. 11. *Duties of President.*—The President shall preside at all meetings of the Board and of the society; shall have power to call special meetings of the Board when necessary, and at the written request of ten members, may call extra meetings of the society; shall appoint all meetings not otherwise provided for; and shall sign all financial and official documents emanating from the society, and not otherwise provided for. In the absence of the President from any meeting of the Board or society, any Director may be called to the chair, and during such meeting, and for the completion of any business transacted, or ordered at the same, shall have the same powers as the President.

SEC. 12. *Duties of Secretary.*—The Secretary shall conduct the correspondence of the Board or society, keeping copies of all important letters written in the name or on behalf of the Board or society, holding the same free to the inspection of any member of the Board or society, at any regular meeting of the same. He shall also receive and file all letters addressed to the Board or society, holding the same subject to the Board of Directors. He shall attend all meetings of the society and the Board, keeping a full record of the proceedings of each in a book for that purpose. He shall prepare and publish all notices of meetings, shall keep a roll of all standing committees, and call the same (noticing absences) whenever desired to do so by the Chair; shall sign all certificates of honorary and corresponding and life memberships, and forward the same to those entitled to receive them. He shall keep, in a book prepared for that purpose, the name and address of every member; shall prepare and sign all gratuitous or complimentary cards or tickets of admission; shall countersign all diplomas, certificates of merit, etc., awarded by the Board, and forward the same to their respective claimants. He shall be ex officio Librarian; shall keep the seal, and all the plates, dies, engravings, etc., belonging to the society, and shall cause to be struck therefrom such medals and impressions as may, from time to time, be required. He shall have charge of all specimens, models, plants, seeds, books, etc., and arrange, prepare, or distribute the same under the direction of the Board. He shall prepare all reports to be made by the Board to the society, and to the State. He shall receive all moneys due or payable to the society, and pay the same to the Treasurer, taking his receipt therefor; shall hold all bonds filed by officers of the society for the faithful performance of their duty, and all vouchers for every class of expenditure. He shall countersign all drafts ordered by the Board, and all certificates of annual and life membership, and keep an account of the same in a book, as they are issued, and shall, in December of each year, prepare a tabular statement of the receipts and expenditures of the Board according to the law organizing the same.

SEC. 13. *Duties of the Treasurer.*—The Treasurer shall receipt for all funds at the hands of the Secretary, and shall disburse the same only on the order of the Board, attested by the President and Secretary. He shall also hold in trust, all certificates of stock, bonds, notes, deeds, or other evidences of debt or possession belonging to the society, and shall transfer, invest, or dispose of the same only by direction of the Board. He shall file with the Secretary a bond for the faithful performance of his duties; said bonds to be approved by the Board, and shall, at the annual meeting, make to the society a detailed report of all his transactions.

STANDING COMMITTEES.

SEC. 14. *Committee of Finance.*—The Committee of Finance shall consist of five members of the Board, the President being one, whose duty it shall be to audit the Secretary and Treasurer's accounts, to examine and approve all bills before they are paid, to have general supervision of the finances of the society, and to report their transactions and financial condition of the society in full to the Board whenever called on so to do.

SEC. 15. *Library Committee.*—The Library Committee shall consist of four members of the Board and the Secretary, whose duty it shall be to have the general supervision of the library and cabinet, to make all necessary rules and regulations for the government of the same (said rules and regulations being subject to the approval of the Board), to suggest such means for the safe keeping and enlargement of both the library and cabinet as they may deem expedient, and to make a full report of their transactions, together with the state of the department under their charge, at each annual meeting.

SEC. 16. *Visiting Committee.*—The Visiting Committee, to be appointed by the Board from their own number, shall visit and examine all farms, orchards, vineyards, nurseries, field crops, irrigation works, agricultural machine works, agricultural machinery in operation, etc., which may be entered for competition, and which require examination at other times and places than the annual Fair; to award premiums for the same according to the schedule, and recommend such gratuities as they may deem proper, and make a full report to the Board at least one day previous to the annual Fair.

SEC. 17. *Printing and Publication Committee.*—The Committee on Printing and Publication shall consist of five (the President and Secretary being two), whose duty it shall be to contract for and superintend, under the direction of the Board, all printing and publishing necessary for the society.

OFFICE AND ROOMS.

SEC. 18. The office, rooms, library, and cabinet of the Board and society shall be permanently located at the Capital of the State.

DISTRICT AGRICULTURAL ASSOCIATIONS.

AN ACT

TO FORM AGRICULTURAL DISTRICTS, TO PROVIDE FOR THE ORGANIZATION OF AGRICULTURAL ASSOCIATIONS THEREIN, AND FOR THE MANAGEMENT AND CONTROL OF THE SAME BY THE STATE.

[Approved April 15, 1880.]

The People of the State of California, represented in Senate and Assembly, do enact as follows:

SECTION 1. The Counties of Alameda, Contra Costa, and San Francisco shall constitute Agricultural District No. 1.

SEC. 2. The Counties of San Joaquin, Calaveras, Fresno, Kern, Merced, Mariposa, Stanislaus, Tulare, and Tuolumne shall constitute Agricultural District No. 2.

SEC. 3. The Counties of Sutter, Yuba, Butte, Colusa, Tehama, Yolo, and Sacramento shall constitute Agricultural District No. 3.

SEC. 4. The Counties of Sonoma, Marin, Solano, Napa, and Lake shall constitute Agricultural District No. 4.

SEC. 5. The Counties of Santa Clara and San Mateo shall constitute Agricultural District No. 5.

SEC. 6. The Counties of Los Angeles, San Diego, San Bernardino, Santa Barbara, Ventura, and Inyo shall constitute Agricultural District No. 6.

SEC. 7. The Counties of Monterey, Santa Cruz, San Luis Obispo, and San Benito shall constitute Agricultural District No. 7.

SEC. 8. The Counties of Nevada, Placer, El Dorado, Amador, Alpine, and Mono shall constitute Agricultural District No. 8.

SEC. 9. The Counties of Mendocino, Humboldt, and Del Norte shall constitute Agricultural District No. 9.

SEC. 10. The Counties of Siskiyou, Trinity, and Shasta shall constitute Agricultural District No. 10.

SEC. 11. The Counties of Plumas, Lassen, Modoc, and Sierra shall constitute Agricultural District No. 11.

SEC. 12. Any fifty or more persons representing a majority of the counties within any one of the districts above constituted, may form an association for the improvement of the material industries within such district, and when so formed the association shall be known and designated by the name of ——— Agricultural Association, and by such name and style shall have perpetual succession, and shall have power and authority to contract and be contracted with, to sue and be sued, to have and use a common seal, to purchase and hold and lease real estate, with such buildings and improvements as may be erected thereon, and may sell and lease and dispose of the same at pleasure. The said real estate shall be used by such association for the purpose of holding exhibitions of horses, cattle, and other stock, of the agricultural, horticultural, viticultural, mechanical, manufacturing, and domestic products of such district, with view to the improvement of all the industries in the same.

SEC. 13. The officers of such association shall consist of eight Directors, who shall constitute a District Board of Agriculture for District Number ——, a President, who shall be one of their number, and a Secretary and Treasurer, not of their number.

SEC. 14. Within ten days after the formation of an agricultural association within any of the districts above constituted, in accordance with the provisions of this Act, and notice of such formation to the Governor, the Governor shall appoint eight resident citizens of such district as members of a District Board of Agriculture for said district, whose term of office shall be four years, except as hereinafter provided.

SEC. 15. Within ten days after their appointment, the persons so appointed shall qualify, as required by the Constitution, and shall meet at a place within the district, and organize by the election of one of their number President of the Board and association, who shall hold said office of President one year, and until his successor is elected; they shall also elect a Secretary and Treasurer.

SEC. 16. At the same meeting the members of the Board shall, by lot or otherwise, classify themselves into four classes of two members each. The terms of office of the first class shall expire at the first end of the fiscal year; of the second class, of the second fiscal year; of the third class, of the third fiscal year; and of the fourth class, at the end of the full term of four years. The fiscal year shall be from December first to December first.

SEC. 17. Each association so formed and organized is hereby declared and shall be recog-

nized a State institution, and the Board so appointed and qualified shall have the exclusive control and management of such institution for and in the name of the State, and shall have the possession and care of all the property of the association, and shall fix the terms of office, and the bonds of the Secretary and Treasurer, and determine their salaries and duties. They shall have power to make all necessary by-laws, rules, and regulations for the government of the association and the management of its prudential and financial affairs. They shall provide for an annual Fair or exhibition by the association of all the industries and industrial products in the district, at such time and place as they deem advisable; *provided*, that no District Fair shall be held in any of the districts at the same time of the State Fair; and, *provided further*, that the State shall in no event be liable for any premium offered, or award, or for any debt contracted by any District Board of Agriculture or Agricultural Association.

SEC. 18. When any District Board of Agriculture shall have been classified and organized as herein provided, the Secretary of the Board shall report such classification and organization to the State Board of Agriculture; he shall also report the same to the Governor, and shall report any vacancy that may occur in the Board to the Governor, who shall fill the same by appointment for the unexpired term.

SEC. 19. All laws and parts of laws in conflict with this Act are hereby repealed.

SEC. 20. This Act shall take effect from and after its passage.

AN ACT

TO AMEND SECTIONS THREE, FOUR, NINE, AND ELEVEN OF AN ACT ENTITLED "AN ACT TO FORM AGRICULTURAL DISTRICTS, TO PROVIDE FOR THE ORGANIZATION OF AGRICULTURAL ASSOCIATIONS THEREIN, AND FOR THE MANAGEMENT AND CONTROL OF THE SAME BY THE STATE," APPROVED APRIL 15, 1880, SO AS TO CREATE TWO ADDITIONAL DISTRICTS.

[Approved March 6, 1883.]

The People of the State of California, represented in Senate and Assembly, do enact as follows:

SECTION 1. Section three of the Act of which this is amendatory, entitled an Act to form agricultural districts, to provide for the organization of agricultural associations therein, and for the management and control of the same by the State, approved April fifteenth, eighteen hundred and eighty, is amended to read as follows:

Section 3. The Counties of Butte, Colusa, and Tehama, shall constitute Agricultural District Number Three.

SEC. 2. Section four of said Act is amended to read as follows:

Section 4. The Counties of Sonoma, Marin, Solano, and Napa, shall constitute Agricultural District Number Four.

SEC. 3. Section nine of said Act is amended to read as follows:

Section 9. The Counties of Humboldt and Del Norte shall constitute Agricultural District Number Nine.

SEC. 4. Section eleven of said Act is amended so as to read as follows:

Section 11. The Counties of Plumas, Lassen, Modoc, and Sierra, shall constitute Agricultural District Number Eleven. The Counties of Mendocino and Lake shall constitute Agricultural District Number Twelve; and the Counties of Sacramento, Yolo, Yuba, and Sutter, shall constitute Agricultural District Number Thirteen.

SEC. 5. This Act shall take effect immediately.

AN ACT

TO AMEND AN ACT ENTITLED "AN ACT TO FORM AGRICULTURAL DISTRICTS, TO PROVIDE FOR THE ORGANIZATION OF AGRICULTURAL ASSOCIATIONS THEREIN, AND FOR THE MANAGEMENT AND CONTROL OF THE SAME BY THE STATE," APPROVED APRIL 15, 1880.

[Approved March 9, 1885.]

The People of the State of California, represented in Senate and Assembly, do enact as follows:

SECTION 1. Section eighteen of said Act is hereby amended so as to read as follows:

Section 18. When any District Board of Agriculture shall have been classified and organized as herein provided, the Secretary of the Board shall report such classification and organization

to the State Board of Agriculture; he shall also report the same to the Governor, and shall report any vacancy that may occur in the Board to the Governor, who shall fill the same by appointment for the unexpired term. The Governor shall have the power and authority to remove a Director at any time for good and sufficient cause, and to appoint a Director to fill the vacancy.

SEC. 2. This Act shall take effect immediately.

AN ACT

TO AMEND SECTION EIGHT OF AN ACT ENTITLED "AN ACT TO FORM AGRICULTURAL DISTRICTS, TO PROVIDE FOR THE ORGANIZATION OF AGRICULTURAL ASSOCIATIONS THEREIN, AND FOR THE MANAGEMENT AND CONTROL OF THE SAME BY THE STATE," APPROVED APRIL 15, 1880.

[Approved March 14, 1885.]

The People of the State of California, represented in Senate and Assembly, do enact as follows:

SECTION 1. Section eight of the Act recited in the title hereto is amended so as to read as follows:

Section 8. The Counties of Nevada and Placer shall constitute Agricultural District Number Seventeen; and the Counties of Alpine, Amador, El Dorado, and Mono, shall constitute Agricultural District Number Eight. And the sum of three thousand dollars is hereby appropriated out of any money in the State Treasury not otherwise appropriated, for the aid of District Agricultural Society Number Seventeen, to be audited and paid the same as appropriations for other district agricultural societies.

SEC. 2. This Act shall take effect immediately.

REPORT.

OFFICE OF THE STATE BOARD OF AGRICULTURE,
SACRAMENTO, February 1, 1885.

His Excellency GEORGE STONEMAN, *Governor of California:*

SIR: The expiration of another fiscal term reminds us that our report for the past year must be handed in and a showing made of our labors. To this end we present a detailed financial statement for your perusal, as well as several papers relating to our agricultural interests.

The occupancy of the State Agricultural and Industrial Exposition building for the first time, proved a success beyond a measure, and we are pleased to note that our predictions in reference to the necessity of such a building have proven correct. It would have been supposed that, with this large building, all who applied for space would be accommodated; but such was not the case. The demand for space was unusually large, and many exhibitors were obliged to remain away, as we were not able to accommodate all that applied. The increased display of agricultural machinery from the various manufactories on this coast, brought us face to face with the fact that our machinery hall was far too small to accommodate the entries in this department; in consequence of which we were compelled to fence both courts on the north and south of the main entrance, and utilize this space for exhibits of agricultural implements. The improvements in this class are increasing yearly; and the Board finds that ere long an addition of no small magnitude will be necessary to this part of our magnificent building.

The display made in the third department (textile fabrics) excelled all efforts of the past. The display of ladies' fancy work was the largest and most varied ever made on the coast; while the exhibits made in the dry and fancy goods classes brought out many meritorious and unique designs. The exhibits in the fourth department (mechanical products) were extraordinary in the way of variety and design, and were attractive throughout. In this department were shown nearly every line of goods made and sold on this coast, as well as those manufactured in nearly every quarter of the globe. The great benefit derived by an exhibition of this character is obvious, and many were the compliments paid to the different exhibitors for their tasteful and well arranged displays. The fruit and agricultural exhibit fully exceeded any ever made under the auspices of this society. The experiment of having county exhibits proved to be a success in every respect. The counties represented vied with each other for supremacy in point of quality, quantity, and arrangement. The counties represented by exhibits, collectively, were: Sonoma, Butte, San Joaquin, Sacramento, San Diego, and Sutter; and the awards were made by the committee in the order named. These exhibits were all transferred to the World's Fair through the agency of Mr. C. B. Turrill, representing the Southern Pacific Railroad Com-

pany, and from information received we are pleased to know that these exhibits outrank any made in the Agricultural Department at New Orleans.

The interest thus created by reason of the important step taken by the State Board of Agriculture in encouraging exhibits of this character, has been manifested by the action of the State Grange at their last State Convention, when they petitioned the Board to continue its efforts in this line, and increase the premiums to $5,000 for county exhibits at the State Fair of 1885. While the Board are anxious to develop the resources of the State in every possible way, they must first look to their resources. The amount of money appropriated by the State for the aid of this society during the year just ended, does not amount to one tenth of the money expended by the Board. Consequently if the people want the society to advance faster than they can upon their own resources, more money must be appropriated. The sum we do receive is given with reluctance by the Legislature each session; while nothing is said of the time given by the Directors of this Board, who receive naught in return for their arduous labors in assisting in every imaginable way in promoting the agricultural resources of the State. This is an important institution, as the encouragement of immigration depends generally upon the manner in which our resources are brought out. No cheaper or more effectual mode can be devised than by seconding the efforts of this Board. The State Legislature now in session are asked to appropriate $15,000 annually for the aid of this institution, and no appropriation can be made that will aid the State more than this one. The management of the society is economical in every respect. But we believe that the society can be made more useful and effective if the necessary funds are available, and we would here state *that the money appropriated by the State is used for nothing else than the encouragement of agriculture and mechanical industries.*

CROP REPORTS.

We are pleased to know that your Excellency has recommended, in your biennial message to the Legislature, the establishment of a system of crop reports to issue under the direction of this Board. No greater step towards promoting the agricultural interest of California could be made. The efforts of the Board in collecting the statistics on cereals during the several years past, have met with great encouragement from the press. The reports furnished are known to be from a fair estimate, and made with no other intention than that of furnishing those interested in agricultural pursuits with reliable figures. The yield of wheat in the year 1884, was unprecedented, both in quantity and quality. The favorable weather of last Spring, during the last stages of maturity of the grain, permitted the heads to fill to their utmost capacity; from that time until harvested, no set-back was had, and the yield was large. In consequence of this vast yield the prices were lower than ever. First class milling wheat sold as low as $1 20 per cental. The low prices and meager facilities for shipping our large product resulted in there being on hand at this time about 25,000,000 bushels of wheat. In consequence of the unusual yield and low prices, taken in consideration with the vast yield abroad, wheat raising has not been as remunerative to the producer as formerly. The effect will be a shortage in acreage for the present season. You will find herewith in tabulated form the statistics collected by

the Board for the year 1884. Much care has been taken in collecting the same, and as each year's experience aids us in many ways, we hope to soon be able to branch out and have returns on all of California's products.

LIVE STOCK.

The interest taken by this society since its organization, in the encouragement of live stock breeding, has had the effect of improving all classes of stock. The varied breeds shown each year causes one to admire the care and painstaking manner in which the breeding interest is conducted. The magnitude of our various stock breeding farms are not excelled in the United States, and California can well be called "the animal-producing State of the Union." The adaptability of our climate, and the zeal of our breeders, has placed California in the lead as a stock-breeding State. In no other State can one find greater rarity and quality in either horses, mules, cattle, or sheep. The annual exhibitions given by this society has had much to do with improving the live stock of California. These exhibitions are now looked upon as a necessity. They have been adopted as a commercial mart when purchasers and sellers are brought together each year and close inspection given to the various breeds exhibited. The purchaser has the benefit of an assortment, or in other words he is favored with the chance to compare the stock of different breeding farms, whereas were it not for these exhibitions he would be compelled to travel from place to place, relying wholly upon his memory in making comparisons. As it is, parties who desire to purchase, postpone their trips until the State Fair. At that period of the year the farmer has more spare time than at any other season. He desires recreation, and combines that with business, and makes his trip to the State Fair. There he meets with others from different parts of the State, views are exchanged, comparisons made, and stock purchased with no haste, no anxiety, and an abundance of time to consider. Foreign purchasers are likewise availing themselves of the opportunity offered, and each year representatives may be seen from foreign parts examining and purchasing our stock. Thus we claim that the benefit the society has been to the State in this one department is invaluable.

PERMANENT IMPROVEMENTS.

The result of our labors in this respect has been most satisfactory. We have entirely remodeled our stock grounds, and have built new stabling, and increased the capacity of the grounds. The speed track has been reconstructed, so that now it is a complete "regulation" track, with quarter turns and quarter stretches. The entire track has been covered with a coating of red clay soil, which seems to give it a solid footing and a springy surface, so that horses are not as liable to injury as they generally are on loose sandy soils. The improvement made in this behalf is valuable, and received with satisfaction by breeders in general. The improvements made at the Pavilion include a portion of the original cost, as the Board found that the amount appropriated was not sufficient to finish the building as was contemplated. In addition to this, however, considerable expense has been attached to the fitting up of the machinery hall as well as other portions of the building; it being the first year of occupancy much new work was necessary that will not have to be done on each succeeding

year. We furnish here appended a complete list in detail of the money expended for improvements made at the Park and Pavilion since October 10, 1883, at which date the work commenced. You will observe that the amounts expended are:

Park	$22,627 80
Pavilion	38,544 91
Making a total of	$61,172 71

At the commencement of this work we had on hand about $8,150 85, and have received on percentage from sales made $15,235 75, and are indebted to sundry parties at this time the sum of $28,678 94; adding these amounts together it will be observed that there is an expended balance of $9,107 17, which, with the $8,150 85 on hand at commencement, makes $17,258 02, which amount has come out of our own resources.

STATEMENT IN DETAIL OF EXPENSES OF BUILDING AND IMPROVEMENTS AT PARK AND PAVILION.

Building and Improvements at Pavilion.

1883-4	Filling conservatories	$275 00
	Filling around building	97 35
	McKillican, on account building	10,000 00
	Hose	356 72
	Speaking tubes	17 75
	Extra tinning	67 00
	Frosting	665 60
	Sidewalks	691 00
	Plumbing, on account	1,093 30
	Extra painting	100 00
	Watchman	50 00
	Flues	25 00
	Plumbing, on account	1,025 00
	McKillican, on account watchman	75 00
	Ladders, hose, reels, etc.	303 00
	Carpets	182 37
	Grate fixtures	7 50
	Insurance	1,000 00
	Interest paid McKillican	1,454 80
	Plumbing contract	397 00
	Labor, payroll	112 00
	Sixteen carloads spalls	100 00
	Freight, S. P. R. R.	253 45
Aug. 4	Labor, setting engine, tank, etc.	193 15
11	Labor, tank and machinery frames	187 90
15	Painting	8 75
18	Labor, machinery hall	209 15
19	Freight on machinery	4 40
	Lumber	301 19
21	Chairs	1,000 00
23	Brick work for boiler, on account	200 00
	Foundry work	12 00
	Freight on engine and gravel	134 00
26	Labor, machinery hall and frosting	237 00
28	Loading gravel and sand	42 55
Sept. 3	Labor, machinery hall and engine	250 80
5	Chimney	45 00
8	Labor, on fence southeast corner of building	53 00
	Labor, machinery hall and engine	405 35
16	Labor, on fence northeast corner of building	36 90
17	Covering steam pipes	178 80
23	Salary of J. C. Pierson, two months	300 00
	Amount carried forward	$22,148 78

	Amount brought forward	$22,148 78	
Oct. 15	H. Ainsworth, tools for boilers	10 00	
	E. F. Woodward, balance on brick work for boilers	366 54	
18	J. F. Cunningham, building boilers, etc.	2,871 57	
	Telegraph Mill, work account Pavilion	118 50	
20	Richards & Knox, lumber	2,762 50	
	Taft & Bassett, mill work	204 90	
21	San Francisco Tool Company, shafting, etc.	1,755 67	
23	Scott & Muir, balance original plumbing account	360 09	
24	Smith & Muir, account steam fitting	1,300 00	
30	Root, Neilson & Co., machinery	26 85	
Nov. 1	Huntington, Hopkins & Co., merchandise	654 93	
	W. J. O'Brien, cement lime	479 02	
3	Smith & Muir, plumbing and gasfitting	267 85	
Dec. 22	H. M. & Co., iron pipe, etc.	107 71	
	Irving M. Scott & Co., for engine (due)	5,110 00	
			$38,544 91

Buildings and Improvements at Park.

1883-4	Purchase of land, extension of track	$3,800 00	
	Lumber, cattle stables, cottage stables, etc.	2,538 83	
	Labor, remodeling Park, $5,721 48; claying track, $788 95	6,501 43	
	Hauling clay, H. Steinmier	2,379 10	
	Salary of engineer	1,200 00	
	Grading track, Turton & Knox	2,520 60	
	Bracing stand, contract for labor	275 00	
	Building cottage stables (labor)	240 00	
	Stable contract (labor)	159 00	
	Sewer pipe	92 15	
	Lime	117 63	
	Improvements of Robt. Allen	152 40	
	Brick work, foundations	94 19	
	Mill work	50 28	
	Iron in grand stand	61 10	
	Paint brushes	4 10	
	Wire	2 00	
	Sorrel horse, H. M. La Rue	250 00	
	Whittier, Fuller & Co., paints, etc.	297 52	
	J. A. M. Martin, hardware	106 10	
	Green & Trainor, clay for track	750 71	
	Baker & Hamilton, merchandise, tools, etc.	749 36	
	Smith & Muir, plumbing at Park	286 30	
			$22,627 80

Recapitulation.

Cash expended from October 10, 1883, for improvements, to February 1, 1885:	
Park improvements	$22,627 80
Pavilion improvements	38,544 91
Grand total	$61,172 71

Financial Summary.

Amount on hand at commencement of year	$2,414 96
Total receipts from all sources	92,356 09
	$94,771 05
Total disbursements	$94,455 49
Cash on hand	315 56
	$94,771 05

P. A. FINIGAN,
President.

EDWIN F. SMITH,
Secretary.

FINANCIAL STATEMENT.

FEBRUARY 1, 1884, TO JANUARY 31, 1885.

SUMMARY.

RECEIPTS.

1884.			
Feb. 1—Cash in bank and on hand			$2,414 96
Buildings and improvements	$76 00		
Occident Stakes, 1885, 1886, 1887	910 00		
Races, entrances and forfeits	16,365 00		
Rent, Park and Pavilion	3,800 00		
Park and Pavilion receipts, Fair of 1884	39,908 15		
Entrances due, back entrance on "Dexter"	100 00		
Premiums, State warrant, and sundries	7,610 00		
D. O. Mills & Co., overdraft secured by note	23,568 94		
Expense, rebate on electric light	18 00		
		$92,356 09	
Total receipts			$94,771 05

DISBURSEMENTS.

Advertising	$1,147 20	
Building and improvements	32,981 55	
Insurance	1,517 98	
Premiums	11,467 28	
Expense	15,612 08	
Interest	2,390 45	
Salaries	4,123 95	
Rebate account, Park and Pavilion receipts	25 00	
Entrances due	480 00	
Occident Stake, 1884, account old liabilities	1,000 00	
Annual Two-year-old Stake, account old liabilities	500 00	
Profit and loss	45 00	
Races—Purses, added money, and stakes paid	23,165 00	
Cash on hand February 1, 1885	315 56	
		$94,771 05

RECEIPTS.

1884.			
Feb. 1—To cash in bank and on hand			$2,414 96
Building and Improvements.			
Apr. 7—Sale of wood at Park	$9 00		
Apr. 28—Sale of wood at Park	15 00		
May 6—Sale of wood at Park	6 00		
June 30—Sale of wood at Park	46 00		
		$76 00	
Occident Stakes.			
1885.			
Jan. 1—For 1885	$175 00		
For 1886	375 00		
For 1887	360 00		
		$910 00	
Races.			
Race No. 1—Entrances and forfeits	$1,175 00		
Race No. 2—Entrances and forfeits	900 00		
Amounts carried forward	$2,075 00		$3,400 96

Amounts brought forward	$2,075 00	$3,400 96
Race No. 3—Entrances and forfeits	720 00	
Race No. 4—Entrances and forfeits	95 00	
Race No. 5—Entrances and forfeits	500 00	
Race No. 6—Entrances and forfeits	310 00	
Race No. 7—Entrances and forfeits	20 00	
Race No. 8—Entrances and forfeits	800 00	
Race No. 9—Entrances and forfeits	675 00	
Race No. 10—Entrances and forfeits	1,680 00	
Race No. 11—Entrances and forfeits	125 00	
Race No. 12—Entrances and forfeits	145 00	
Race No. 13—Entrances and forfeits	650 00	
Race No. 14—Entrances and forfeits	255 00	
Race No. 15—Entrances and forfeits	180 00	
Race No. 16—Entrances and forfeits	1,050 00	
Race No. 17—Entrances and forfeits	960 00	
Race No. 18—Entrances and forfeits	120 00	
Race No. 19—Entrances and forfeits	500 00	
Race No. 20—Entrances and forfeits	75 00	
Race No. 21—Entrances and forfeits	80 00	
Race No. 22—Entrances and forfeits	720 00	
Race No. 23—Entrances and forfeits	600 00	
Race No. 24—Entrances and forfeits	160 00	
Race No. 25—Entrances and forfeits	180 00	
Race No. 26—Entrances and forfeits	270 00	
Race No. 27—Entrances and forfeits	120 00	
Race No. 28—Entrances and forfeits	350 00	
Race No. 29—Entrances and forfeits	1,680 00	
Race No. 30—Entrances and forfeits	750 00	
Extra No. 1—Entrances and forfeits	150 00	
Extra No. 2—Entrances and forfeits	120 00	
Extra No. 3—Entrances and forfeits	200 00	
Extra No. 4—Entrances and forfeits	50 00	
		$16,365 00

Rent.

1885.		
Jan. 1—Robt. Allen, rent of Park	$3,600 00	
Rent of Pavilion	200 00	
		$3,800 00

Park and Pavilion Receipts.

Aug. 16—Life membership, J. F. Whitney	$50 00	
Sept. 6—Life membership, W. Wood	50 00	
8—Life membership, Chas. Dillman	50 00	
Life membership, E. S. Driver	50 00	
Life membership, Brainard F. Smith	50 00	
Life membership, J. C. Pierson	50 00	
9—Life membership, E. E. Myers	50 00	
Life membership, W. F. Knox, Jr.	50 00	
Life membership, S. L. Richards	50 00	
10—Life membership, Harry Richards	50 00	
12—Life membership, A. G. Folger	50 00	
Life membership, C. E. Hollister	50 00	
Life membership, Geo. E. Bates	50 00	
17—Life membership, J. P. Odburt	50 00	
19—Life membership, E. M. Leitch	50 00	
20—Life membership, A. J. Hutchinson	50 00	
25—Life membership, Ira Pierce	50 00	
Life membership, Henry Pierce	50 00	
		$900 00
Sept. 8—Annual memberships	$1,635 00	
Annual memberships, Entry Clerks	725 00	
9—Annual memberships	1,485 00	
10—Annual memberships	1,315 00	
11—Annual memberships	1,915 00	
12—Annual memberships	700 00	
13—Annual memberships	290 00	
15—Annual memberships	593 00	
16—Annual memberships	265 00	
17—Annual memberships	185 00	
Amounts carried forward	$9,108 00	$24,465 96

	Amounts brought forward	$9,108 00	$24,465 96
Sept. 18	Annual memberships	210 00	
19	Annual memberships	60 00	
20	Annual memberships	3 00	
			$9,381 00
Sept. 8	Single admissions	$13 00	
9	Single admissions	311 00	
10	Single admissions	429 50	
11	Single admissions	1,245 25	
12	Single admissions	1,338 00	
13	Single admissions	1,381 00	
15	Single admissions	1,075 50	
16	Single admissions	1,722 50	
17	Single admissions	1,899 00	
18	Single admissions	2,347 50	
19	Single admissions	2,548 50	
20	Single admissions	1,756 50	
			$16,066 25
Sept. 11	Quarter-stretch badges	$450 00	
12	Quarter-stretch badges	175 00	
13	Quarter-stretch badges	115 00	
15	Quarter-stretch badges	65 00	
16	Quarter-stretch badges	50 00	
17	Quarter-stretch badges	25 00	
18	Quarter-stretch badges	60 00	
19	Quarter-stretch badges	32 50	
20	Quarter-stretch badges	2 00	
			$974 50
Sept. 8	Special Stand receipts (at office)	$171 00	
11	Special Stand receipts	55 00	
12	Special Stand receipts	67 50	
13	Special Stand receipts	39 00	
15	Special Stand receipts	28 50	
16	Special Stand receipts	46 00	
17	Special Stand receipts	38 00	
18	Special Stand receipts	70 50	
19	Special Stand receipts	99 50	
20	Special Stand receipts	49 00	
			$664 00
Sept. 11	Grand Stand receipts	$203 50	
12	Grand Stand receipts	208 50	
13	Grand Stand receipts	190 50	
15	Grand Stand receipts	202 00	
16	Grand Stand receipts	218 00	
17	Grand Stand receipts	246 00	
18	Grand Stand receipts	309 00	
19	Grand Stand receipts	350 00	
20	Grand Stand receipts	215 50	
			$2,143 00
Sept. 11	Coupé badges	$6 00	
12	Coupé badges	3 00	
			$9 00
Sept. 20	Pavilion privileges	$1,087 50	
	Park privileges	8,169 85	
	Racing programmes	139 25	
	Art catalogues	89 80	
	Sweepstakes	232 00	
	Manure	50 00	
	Stalls	2 00	
			$9,770 40
	Entrances Due.		
Oct. 4	Back entrance paid on "Dexter"	$100 000	
			$100 00
	Premiums.		
Sept. 20	Cash for St. Jacob's Oil premiums	$60 00	
24	State warrant	7,500 00	
	Amounts carried forward	$7,560 00	$63,574 11

Amounts brought forward	$7,560 00	$63,574 11
Oct. 30—Return of premium from Baker & Hamilton, account error	30 00	
Nov. 14—Return of premium from Capital Cannery	20 00	
		$7,610 00
D. O. Mills & Co.		
Jan. 31—Overdraft (secured by note)	$23,568 94	
		$23,568 94
Expense.		
Jan. ——Rebate on Electric Light Company's bill		$18 00
		$94,771 05

DISBURSEMENTS.

Advertising.

1884.		
Feb. 26—Spirit of the Times	$27 50	
Sept. 18—Spirit of the Times	84 75	
Oct. 30—Sunday Capital	10 00	
Sonoma Democrat	20 00	
Placer Herald	12 00	
California Patron	17 00	
Breeder and Sportsman	72 50	
Wood and Iron	10 00	
San Francisco Chronicle	101 45	
Alta Publishing Co.	54 00	
Post Publishing Co.	45 00	
Dewey & Co.	40 00	
Examiner Publishing Co.	70 00	
Morning Call	90 00	
Bulletin Publishing Co.	76 00	
Sacramento Daily Bee	165 00	
Sacramento Record-Union	207 00	
Sacramento Leader	10 00	
Nov. 13—Sacramento Journal	10 00	
1885.		
Jan. 3—Spirit of the Times	25 00	
		$1,147 20

Building and Improvements.

1884.		
Feb. 1—J. Carroll & Son, extra work on flues	$25 00	
4—J. C. Pierson, salary as engineer, November to January	300 00	
Park payroll, account improvements	178 60	
11—Park payroll, account improvements	274 05	
14—Scott & Muir, on account gas and plumbing contract	1,025 00	
R. McKillican, account wages for watchman	75 00	
18—Park payroll, account improvements	207 10	
22—Telegraph Mill, account ladders, windows, and hose drum	303 00	
25—Park payroll account, improvements	140 45	
Towle Bros., lumber for Park improvements	161 48	
Mar. 31—Park payroll, four weeks	914 03	
Apr. 4—W. H. Hobby, sewer pipe	92 15	
5—Holbrook, Merrill & Stetson, mantel appurtenances	7 50	
7—Park payroll, account improvements	161 10	
14—Park payroll, account improvements	69 55	
J. C. Pierson, salary, January to March	300 00	
21—Park payroll, account improvements	143 10	
H. T. Holmes Lime Co., lime for Park	117 63	
23—Locke & Lavenson, carpet for office	182 37	
28—Park payroll account, improvements	182 50	
May 5—Robert Allen, account repairs	152 40	
Park payroll, account improvements	141 60	
12—Park payroll, account improvements	89 80	
19—Park payroll, account improvements	135 50	
24—Park payroll, account improvements	2 00	
July 2—F. W. Steinmeyer, hauling clay, acc't Park improvements	600 00	
7—D. Leihy, bracing Grand Stand, per contract	275 00	
Amounts carried forward	$6,255 91	$1,147 20

	Amounts brought forward	$6,255 91	$1,147 20
July 7	Park payroll, account improvements	170 00	
	Payne Bros., iron for Grand Stand	61 10	
12	F. W. Steinmeyer, hauling clay	500 00	
	H. S. Turton, account Park improvements, brick work	94 19	
14	Park payroll, account improvements	192 00	
18	J. McComb, ten carloads spalls	100 00	
21	Park and Pavilion payroll, account improvements	192 50	
22	F. W. Steinmeyer, hauling clay	300 00	
28	C. P. and S. P. Railroad Company, freight bills	253 45	
28	Park payroll, account improvements	112 00	
31	J. C. Pierson, salary two months, June and July	300 00	
June 2	Scott & Muir, account balance due on plumbing contract	397 00	
	Towle Brothers, lumber account Park improvements	754 17	
	D. Leihy, contract building cottage stables	240 00	
	Richards & Knox, lumber account Park	269 86	
	Sacramento Lumber Company, lumber account Park	568 03	
	Salary J. C. Pierson, April and May	300 00	
7	Telegraph Mills, account mill work for Park	50 28	
9	Park payroll, account improvements	170 90	
14	C. E. Greenlaw, paint, brushes, etc.	4 10	
	F. W. Steinmeyer, hauling clay	200 00	
	Turton & Knox, grading track	2,520 60	
16	Payroll at Park, account improvements	139 75	
17	Amy Spencer, purchase of land	100 00	
30	Park payroll, account improvements	143 30	
23	F. W. Steinmeyer, hauling clay	300 00	
	Park payroll, account improvements	128 25	
	D. Leihy, balance due on contract building stables	159 00	
Aug. 4	Pavilion payroll, setting engine, etc.	193 15	
11	F. W. Steinmeyer, hauling clay	479 10	
	Pavilion payroll, building tank and frame for shafting	187 90	
15	C. E. Greenlaw, painting	8 75	
18	Pavilion payroll, account machinery hall	209 15	
19	Central Pacific Railroad, freight on machinery	4 40	
	F. & T. Lumber Company, lumber for Park	301 19	
21	Capitol Furniture Company, chairs per contract	1,000 00	
23	E. F. Woodward, account brickwork for boilers	200 00	
	William Gutenberger, foundry work	12 00	
	Smith & Muir, plumbing, etc., at Park	286 30	
	C. P. Railroad Company, freight on engine and gravel	134 00	
26	Pavilion payroll, account machinery hall	237 00	
28	W. Souls, loading gravel and sand	42 55	
Sept. 3	Pavilion payroll, account machinery hall, etc.	250 80	
5	W. H. Hobby, building flue S. E. conservatory	45 00	
8	W. H. McCarty, building fence S. E. corner	53 00	
9	Pavilion payroll, account machinery hall, etc.	405 35	
16	W. H. McCarty, building fence N. E. corner	36 90	
17	Gould & Hill, covering steam pipes	178 80	
23	J. C. Pierson, salary August and September	300 00	
29	H. M. LaRue, for sorrel horse	250 00	
Oct. 15	H. Ainsworth, tools for boiler	10 00	
	E. F. Woodward, balance account brick work on boilers	366 54	
18	J. F. Cunningham, building boilers, etc.	2,871 57	
	Telegraph Mill, work account Pavilion	118 50	
20	Richards & Knox, lumber	2,762 50	
	Whittier, Fuller & Co., mdse. account P. and P.	297 52	
	Taft & Bassett, mill work account Pavilion	204 90	
21	J. A. M. Martin, hardware account Park	106 10	
	S. F. Tool Co., shafting, etc.	1,755 67	
	Green & Trainor, clay for track	750 71	
23	Scott & Muir, balance plumbing contract on building	360 09	
24	Smith & Muir, account steamfitting	1,300 00	
30	Baker & Hamilton, merchandise account, P. and P.	749 36	
	Root, Neilson & Co., machinery	26 85	
Nov. 1	Huntington, Hopkins & Co., merchandise for Pavilion	654 93	
	W. J. O'Brien, lime and cement for engine foundation	479 02	
3	Smith & Muir, plumbing and gasfitting, Pavilion	267 85	
Dec. 22	Holbrook, Merrill & Stetson, iron pipe, etc., acc. Pavilion	107 71	
			$32,981 55
	Amount carried forward		$34,128 75

	Amount brought forward		$34,128 75
	Insurance.		
1884.			
Mar. 13	D. Fox, agent, policy on building	$60 00	
	J. E. Wills, agent, policy on building	60 00	
	J. N. Porter, agent, policy on building	100 00	
	A. Leonard, agent, policy on building	60 00	
	P. L. Hickman, agent, policy on building	60 00	
14	Sullivan & Wiseman, agents, policy on building	60 00	
	H. Hansche, agent, policy on building	60 00	
	W. P. Coleman, agent, policy on building	100 00	
	Acct. R. McKillican, during construction	69 75	
15	Sweetser & Alsip, agents, policy on building	100 00	
	Cadwalader & Parsons, agents, policy on building	100 00	
	A. G. Hoagland, agent, policy on building	20 00	
17	L. C. Chandler, agent, policy on building	100 00	
25	C. Strobel, agent, policy on building	60 00	
April 3	G. W. Lorenz, agent, policy on building	60 00	
17	Sullivan & Wiseman, agents, policy on Park	36 48	
June 2	H. Hansche, agent, policy on Park	43 75	
	F. Hickman, agent, policy on Park	36 45	
	A. Leonard, agent, policy on Park	46 85	
23	C. R. Parsons, agent, policy on Park	43 75	
Oct. 20	W. P. Coleman, agent, policy on pictures, etc.	190 95	
Nov. 13	J. N. Porter, agent, policy on Park	50 00	
			$1,517 98
	Premiums.		
1884.			
Feb. 4	Belle Green, acct. special premium, 1883	$8 00	
25	W. K. Vanderslice, acct. plate	75 97	
Sept. 22	St. Jacob's Oil, floral premiums, paid	50 00	
	Floral premiums, special	50 00	
	Ladies' tournament, second prize, Mrs. Mesnor	40 00	
	Ladies' tournament, fourth prize, Mamie Best	25 00	
	Ladies' tournament, sixth prize, Winnie Elliott	15 00	
	Ladies' tournament, seventh prize, Mrs. A. R. Jackson	10 00	
23	Ladies' tournament, third prize, Mrs. F. S. George	30 00	
Oct. 1	Ladies' tournament, fifth prize, Nellie Ryan	20 00	
	First Department, live stock	5,191 68	
	Second Department, machinery, etc.	861 00	
	Third Department, textile fabrics	320 50	
	Fourth Department, mechanical products	826 00	
	Fifth Department, agricultural products	573 00	
	Sixth Department, fruits, etc.	1,013 50	
	Seventh Department, fine arts	640 00	
	County exhibits, agricultural products	700 00	
	W. K. Vanderslice & Co., plate	1,007 63	
	F. A. Ebel, St. Jacob's Oil	10 00	
			$11,467 28
	Expense.		
1884.			
Feb. 6	Sacramento Transfer Co., cartage	$2 65	
9	Labor, moving office, etc.	60 00	
	Telegrams—January	1 35	
14	Postal cards	1 00	
21	Sundries	4 00	
25	Expenses of President for 1883	200 00	
	Use of team and man (1883), P. A. Finigan	116 00	
	Turf, Field, and Farm, subscription	5 10	
	J. Lafferty, drayage	48 50	
	Nixon & Wheeler, horseshoeing	7 00	
	C. E. Greenlaw, painting	17 30	
	Freight on hose from Davisville	1 95	
Mar. 1	Sundries	15 00	
	F. J. Lewis, filling diplomas	6 50	
5	J. T. Browning, hay	18 40	
6	Gas Co., coke	3 00	
15	Carle & Croly, carpentering Pavilion	110 00	
	S. W. Butler, moving safe	20 00	
	Billingsley & Co., merchandise	17 30	
	Amounts carried forward	$655 05	$47,114 01

	Amounts brought forward	$655 05	$47,114 01
Mar. 22	Thomas Hill, expenses on Yosemite painting	15 55	
25	Postage	3 00	
	Expressage	25	
26	Mrs. Kendall, account lost plaque	6 00	
	B. H. Covell, removing posts, etc.	4 00	
April 3	Post Office box rent	4 00	
5	H. C. Stone, hay	19 28	
	C. Nelson, repairs to harness	8 25	
7	Burns, Church & Hancock, merchandise	1 50	
	A. R. Lasher, account team	5 00	
8	Thomas Lacy, hack hire	7 50	
	Telegram	35	
12	Freight on harrow from Bull & Co.	1 20	
	W. F. Cutler, veterinary services	12 25	
17	Postage stamps	2 00	
	Cartage, U. S. Reports	1 00	
19	J. Ezell, labor painting wagons	9 00	
	Wilson & Mitchell, hack hire	5 00	
	F. Foster & Co., bookbinding	51 00	
22	Cartage, U. S. Reports	1 00	
23	E. F. Smith, incidentals	12 00	
	Postage	2 00	
26	Telephone, three months	25 90	
28	Postage, for Reports	5 00	
	Express charges, Michigan Reports	3 75	
	Shafer & Bronner, merchandise	7 50	
30	Postage, account Reports	2 00	
May 5	Cartage, E. W. Brainard	1 50	
10	C. Rave, locks, etc.	23 50	
14	Expressage	30	
	Postage	4 00	
19	W. P. Coleman, sundries	53 00	
	Cooke & Son, boxes, etc.	32 45	
20	Expressage on stud books	4 30	
24	Nixon & Wheeler, horseshoeing	7 50	
27	E. A. Buck, stud books	71 00	
31	Telegram	25	
June 3	N. Bales, hay	9 70	
7	Telegram	25	
11	S. W. Butler, cartage	2 00	
14	Nixon & Wheeler, horseshoeing	5 00	
16	G. F. Bronner, buckets	2 40	
23	Postage, posters	8 00	
July 3	Box rent, Post Office	4 00	
	C. Nelson & Co., repairs to harness	8 25	
14	J. Gosling, hay	21 50	
18	Postage	6 00	
19	Wilson & Mitchell, hack hire	2 00	
23	Postage stamps for posters	13 50	
	T. Meherin, grass seed	4 60	
31	Cartage, Agassiz Institute	4 00	
	Sundries for July	20 05	
Aug. 2	J. Hoehn, office coal	3 50	
15	Postage	13 00	
	Nixon & Wheeler, horseshoeing	5 00	
	Telephone Company, three months	15 70	
18	Holbrook, Merrill & Stetson, merchandise	5 10	
	California Wire Works, merchandise	32 40	
	Central Pacific Railroad, freight	3 00	
22	T. J. Vail, dues National Trotting Association	81 00	
26	Postage	2 00	
	Labor, moving shelving	10 00	
30	Stepladder	7 50	
	Sundries for August	5 80	
Sept. 4	Postage	2 00	
	Stepladders, two at $7 25	14 50	
5	Deeds, recording of, etc.	5 00	
8	W. H. McCarty, carpenter work at Park	21 00	
9	G. B. Anderson, drayage	3 00	
10	Weinstock & Lubin, caps for watchmen	13 75	
	Amounts carried forward	$1,422 53	$47,114 01

	Amounts brought forward	$1,422 53	$47,114 01
Sept. 10	—A. R. Lasher, account team at Park	5 00	
	Board of extra man at Park	27 00	
17	—Postage	2 00	
20	—Second Regiment Artillery Band, music as per contract	816 00	
22	—Geo. Howson, award for winning mount	25 00	
	Repairs, Park wall	6 00	
	Railroad fare engineer to set engine	6 00	
	E. A. Burr, team and man at Park	30 00	
	E. A. Burr, straw at Park	532 35	
	M. R. Rose, pulley	7 50	
	J. Stewart, sand and labor	11 00	
23	—Coal oil, etc., for engine	3 10	
	Directors Stand, caterers bill	195 63	
24	—Hauling hose to and from Park	3 00	
	Feed, etc., account team	3 00	
25	—F. W. Steinmeyer, hauling dirt	20 00	
	Sparrow Smith, temporary hitching fence	14 25	
	Repairing flags	2 50	
26	—N. S. G. W., donation	250 00	
27	—Mitchell & Wilson, hack hire	11 00	
29	—Postage	2 00	
30	—Sundries for September	1 25	
			$3,396 27

Park Payroll.

1884.			
Oct. 1	—P. M. Chatterton, Assistant Superintendent	$100 00	
	George P. Royster, chief ticket clerk	45 00	
	Lee La Rue, entry clerk	70 00	
	R. Bockrath, membership ticket clerk	60 00	
	Kent Seymour, assistant membership ticket clerk	27 00	
	Eugene Bush, assistant ticket clerk	27 00	
	William Gwynn, assistant ticket clerk	27 00	
	J. F. Shellars, G Street gate	45 00	
	J. W. Finigan, G Street gate	45 00	
	B. F. Ready, G Street gate	20 00	
	W. L. Houck, G Street gate	25 00	
	J. Hunter, H Street gate	45 00	
	H. Garrett, H Street gate	45 00	
	C. Neilson, H Street gate	45 00	
	George C. McMullen, Chief Marshal	45 00	
	A. L. Folger, Assistant Marshal	45 00	
	F. E. Coucher, stairman	22 50	
	William Hammer, stairman	22 50	
	Joseph Mull, stairman	22 50	
	Frank Knox, stairman	22 50	
	B. F. Ready, stairman	12 50	
	W. M. Millard, stairman	22 50	
	L. Ryder, stairman	22 50	
	F. M. Rahm, stairman	22 50	
	S. Sovereighn, stairman	22 50	
	J. Marty, stairman	22 50	
	J. W. Nixon, Special Stand ticket clerk	27 00	
	F. Bidwell, Special Stand ticket clerk	22 50	
	C. H. Hinchman, Directors' Stand	22 50	
	A. J. Ross, quarter-stretch gate	22 50	
	Warren Powers, detective	20 00	
	L. Whiting, Judges' Stand	30 00	
	A. Greer, back-stretch gate	22 50	
	James McCleery, back-stretch gate	22 50	
	R. J. Kady, back-stretch gate	25 00	
	Samuel Johnston, exit gate	27 00	
	James Galloway, police	22 50	
	J. E. Connor, police	22 50	
	A. Toland, police	22 50	
	P. Humrich, police	20 00	
	C. B. Herndon, police	22 50	
	James Carmody, police	20 00	
	P. Brannigan, police	22 50	
	P. Rice, police	22 50	
	J. Roach, police	22 50	
	Amounts carried forward	$1,370 00	$50,510 28

	Amounts brought forward	$1,370 00	$50,510 28
Oct. 1	J. Hickey, police	22 50	
	H. W. Nichols, police	17 50	
	W. T. Crowell, police	22 50	
	P. F. Dolan, police	22 50	
	John Ireland, police	22 50	
	J. M. Wallace, police	22 50	
	R. May, police	22 50	
	B. F. Sampson, police	22 50	
	Wm. Barnhart, hay watch	44 00	
	C. F. Clark, laborer	38 50	
	H. Treichler, blackboard clerk	22 50	
	F. Haswell, blackboard clerk	22 50	
	Hugh La Rue, Jr., Superintendent's clerk	13 50	
	John La Rue, ticket seller	13 50	
	A. H. Powers, Jr., ticket seller	13 50	
	Robert Richardson, ticket seller	13 50	
	Samuel Burke, ticket seller	13 50	
	John Ott, ticket seller	13 50	
	Wm. Jennings, ticket seller	13 50	
	George Bronner, ticket seller	13 50	
	Benjamin F. Hancock, ticket seller	13 50	
	John Frost, programme clerk	18 00	
	F. Dohn, programme clerk	18 00	
	H. S. Beals, usher	27 00	
	J. A. Johnson, quarter-stretch gate	22 50	
	N. J. Toll, weighmaster	39 00	
	C. A. Pierson, chicken watch	25 00	
	B. Lynch, laborer	32 00	
	Thomas Callinan, laborer	36 00	
	H. W. Coons, carpenter	48 00	
	George Frisbie, carpenter	52 50	
	J. Tenbroeck, carpenter	52 50	
	H. Ferry, trackman	25 00	
	R. Rockwell, hay watch	27 50	
	M. O'Meara, fire watch	27 00	
	R. Henrichs, fire watch	27 00	
	R. C. Ferguson, cleaning and caring for stands	94 00	
	A. Grubbs, rear porter	20 00	
	A. Grubbs, cartage	2 00	
	F. Jones, carpenter	18 00	
	Wm. Buchard, carpenter	18 00	
	Thomas Callinan, laborer	10 00	
	A. C. Cook, laborer	7 50	
	M. Lewis, carpenter	22 50	
	J. B. Finigan, forage clerk	33 00	
	L. Waite, man and team	48 00	
	Wm. Adams, rear porter	26 00	
	W. S. Enos, Assistant Marshal	45 00	
	J. Tenbroeck, laborer	4 50	
	R. O. Cravens, Clerk of Course	50 00	
			$2,669 50

Pavilion Payroll.

1884.

Oct. 1	O. P. Dodge, Assistant Superintendent	$165 75	
	Norton Bush, Superintendent Art Gallery	200 00	
	P. Memegama, Assistant Superintendent Art Gallery	40 00	
	G. W. Jackson, ticket clerk	60 00	
	Wm. A. Gett, entry clerk	85 00	
	C. P. Marsh, entry clerk	85 00	
	Chris. Green, Jr., assistant ticket clerk	36 00	
	Frank Powers, assistant ticket clerk	36 00	
	W. P. Emery, machinery entry clerk	80 00	
	J. B. Finigan, ticket counter and labor	56 00	
	W. H. Lutcher, doorkeeper	60 00	
	Thomas Jones, doorkeeper	45 00	
	A. C. Keithly, doorkeeper	54 00	
	B. N. Bugbey, horticulturist	36 00	
	J. F. Shellars, doorkeeper	9 00	
	A. J. Muir, gas man	20 00	
	John Lyman, fire watch	51 00	
	Amounts carried forward	$1,118 75	$53,179 78

	Amounts brought forward	$1,118 75	$53,179 78
Oct. 1	O. E. Graham, doorkeeper	48 00	
	Mrs. L. Bateman, showcases	38 00	
	John Campbell, night watch	62 50	
	Hiram Clock, laborer	76 00	
	Fred. Valentine, laborer	56 00	
	P. O'Meara, laborer	56 00	
	C. F. Blodgett, laborer	54 00	
	Wm. Johnson, laborer	52 00	
	G. W. Wise, laborer	47 00	
	Charles Garrett, laborer	46 00	
	N. Rochon, laborer	42 50	
	Fred. Sackett, laborer	46 00	
	Thos. Kane, laborer	40 00	
	J. Burns, laborer	29 25	
	R. W. Parker, watchman	37 50	
	R. B. Robertson, gate watch	30 50	
	C. L. Sprague, gate watch	25 00	
	D. S. Jackson, night watch	50 00	
	Wm. Craig, night watch	35 00	
	A. Foley, laborer	6 00	
	J. L. Frost, laborer	4 00	
	D. Broderick, laborer	2 00	
	J. Halliday, laborer	2 00	
	J. W. Scrivener, laborer	2 00	
	J. W. McCarthy, laborer	2 00	
	W. H. Tade, laborer	2 00	
	Thos. White, laborer	2 00	
	James Bryant, laborer	2 00	
	R. J. Kady, laborer	4 00	
	J. Scroggs, laborer	2 00	
	Maria Jackson, ladies' room	24 00	
	W. C. Hopper, messenger boy	17 00	
	John Gleeson, laborer	1 50	
	Thos. White, laborer	1 50	
	D. Broderick, laborer	1 50	
	—. Nash, laborer	2 00	
	F. Boylan, laborer	7 00	
	W. H. Tade, laborer	2 00	
	Alfred Johnson, laborer	4 00	
	H. Duffy, laborer	7 00	
	J. McIntyre, laborer	7 00	
	J. West, laborer	7 00	
	Charles O'Neil, laborer	3 75	
	A. F. Griggs, art gallery assistant	6 00	
	G. Flint, laborer	7 50	
	J. W. Finigan, doorkeeper	3 00	
	Nat. Christopher, laborer	48 00	
	J. S. Miller, Financial Secretary	75 00	
	E. Karcher, night watch	22 50	
			$2,267 25

Machinery Department.

1884.

Oct. 1	J. W. Cate, carpenter	$4 50	
	J. W. Neff, carpenter	4 50	
	J. R. Parker, carpenter	4 50	
	H. A. McKelvey, carpenter	9 75	
	A. F. Thull, carpenter	9 75	
	Chas. Sexton, carpenter	10 50	
	P. Roach, carpenter	2 60	
	L. Peterson, carpenter	3 40	
	H. A. McKelvey, carpenter	8 10	
	H. Morrison, carpenter	19 25	
	A. F. Thull, carpenter	3 25	
	Chas. Sexton, carpenter	3 00	
	J. J. Kenny, machinist	90 00	
	Hendy Machine Works, use of engine	10 00	
	D. Leihy, carpenter	50 75	
	Chas. Varina, carpenter	37 40	
	David Stark, engineer	110 00	
	C. McL. Stoneman, assistant engineer	59 50	
	Amounts carried forward	$440 75	$55,447 03

	Amounts brought forward	$440 75	$55,447 03
Oct. 1	—John Ezell, fireman	54 00	
	Chas. Budahn, laborer	23 20	
	Thos. Kane, laborer	2 00	
	M. Hennessy, night watch	35 00	
	C. Stuart, night watch	35 00	
	J. McDonald, night watch	16 80	
	J. H. Welsh, carpenter	2 00	
	J. C. Boyd, Second Assistant Superintendent	52 50	
	C. Stuart, watchman	7 00	
	J. McDonald, laborer	8 00	
	Chas. Budahn, laborer	4 00	
	M. Hennessy, laborer	4 50	
	D. Leihy, carpenter	25 90	
	H. Morrison, carpenter	16 90	
	C. Varina, carpenter	17 85	
	A. F. Thull, carpenter	16 25	
	N. A. McKelvey, carpenter	16 25	
	John Ezell, laborer	12 50	
	J. C. Boyd, Assistant Superintendent	15 00	
			$805 40

Sundries.

1884.

Oct. 7	—Hook & Son, carpenter work	$6 50	
	Nat. Christopher, labor	10 00	
	H. A. Wade, soap	12 00	
	E. L. Smith, badges, etc.	13 25	
10	—Post Office box rent	4 00	
	Directory	3 00	
17	—F. H. Wing, rubber stamps	8 00	
18	—Thos. Waite, hay contract	846 90	
	Robert Allen, sundries	50 50	
	Nixon & Wheeler, horseshoeing	5 00	
	John McCord, cleaning vaults	51 20	
	Capital Ice Co., ice, Park and Pavilion	32 55	
	J. F. Hill, blacksmithing, yearly account	277 96	
	Wm. McLaughlin, drayage and freight	100 33	
	John Lafferty, cartage	75 00	
	Locke & Lavenson, merchandise	62 58	
	John Ezell, labor	5 00	
	California Wire Works, merchandise	5 80	
	W. P. Coleman, sundries	16 00	
	J. H. Campbell, excavating	48 00	
	J. F. Toomey, transportation	25 00	
20	—D. Younglove & Co., Ione coal	180 84	
	State House Hotel, board of band	225 00	
	H. H. Bromley, valvoline	7 75	
	H. H. Gross, fire grenades	100 00	
	Stern & Rose, merchandise	113 00	
	J. R. Martin, art department	300 00	
	Geo. Boyne, decorator	125 00	
	Burns, Church & Hancock, merchandise	28 70	
	J. D. Jost, carpenter	5 25	
	E. C. Grubbs, cartage	6 00	
	J. C. Boyd, labor	9 00	
21	—T. Waite, hay	24 40	
	H. C. Chipman, sign painting	26 75	
	Gattman & W., merchandise	181 82	
	Sullivan & Ravekes, merchandise	366 45	
	J. S. Nicholas, painting	65 10	
22	—J. A. McCormick, Marysville, bill poster	10 50	
	Telephone Co., three months	39 80	
	Telegraph Co., September	4 40	
	Transfer Co., cartage	1 50	
	H. A. Weaver, printing	1 50	
	A. Meiss, use of team at Park	318 00	
	Wm. Caswell, State bill posting	206 00	
25	—E. M. Leitch, fuel for engine	304 00	
	Ross & Bauer, use of furniture	3 00	
	Wilson & Mitchell, hack hire	11 00	
	E. F. Smith, sundries	36 00	
	Amounts carried forward	$4,359 33	$56,252 43

	Amounts brought forward	$4,359 33	$56,252 43
Oct. 27	California Electric Light Co.	497 25	
28	W. F. Peterson, merchandise	49 50	
	H. Morrison, labor	3 50	
29	Sacramento Gas Co., gas	624 30	
30	Martin & Ciphers, lunch for committees	25 00	
	Grangers' Business Association, yearly account	133 43	
	Sundries for October	7 95	
	F. M. Rahm, hauling band	8 00	
	Billingsley & Co., merchandise	26 45	
Nov. 1	Pioneer Box Factory, boxes and sawdust	52 64	
3	F. J. Lewis, filling diplomas	29 50	
	C. Nelson & Co., merchandise	4 00	
	C. McCreary & Co., merchandise	48 80	
	R. H. Pettit, merchandise	16 00	
	Journal of Commerce, circulars	50 00	
	Capital Ice Co., ice for office, season	18 71	
	T. Waite, hay	13 50	
Nov. 13	J. Breuner, use of furniture	27 50	
	C. Nelson & Co., merchandise	13 75	
	F. Foster & Co., merchandise	3 80	
	J. H. Hamilton, hay	42 25	
	Park payroll, ditching track	37 30	
	Sundries for November	9 35	
Dec. 1	J. W. Wilson, horse hire	160 00	
	Neilson Bros., horseshoeing	8 50	
22	W. D. Comstock, repairs	7 00	
	W. F. Cutler, veterinary services	13 65	
	Jno. Lafferty, cartage	5 10	
	Carle & Croly, carpentering	15 50	
	Waterhouse & Lester, merchandise	10 64	
	J. Hahn & Co., merchandise	17 56	
	Dale & Co., merchandise	3 85	
	A. A. Van Voorhies & Co., merchandise	3 00	
1885.			
Jan. 3	J. W. Nixon, services at Park	10 00	
7	Snow & Co., repairs	34 50	
	Myers & Barber, feed account team at Park	14 50	
10	P. Hefferin, trimming trees at Park	30 00	
	Telephone Company, three months rent	17 80	
	Postage	10 00	
	Sundries for January	10 25	
			$6,473 66

Interest.

1884.			
Mar. 13	R. McKillican, account State claim	$1,454 80	
Apr. 30	D. O. Mills & Co., account overdraft	39 27	
May 30	D. O. Mills & Co., account overdraft	25 88	
June 30	D. O. Mills & Co., account overdraft	29 60	
Sept. 24	D. O. Mills & Co., account overdraft	197 00	
1885.			
Jan. 28	D. O. Mills & Co., account overdraft	643 90	
			$2,390 45

Salary.

1884.			
Feb. 29	E. F. Smith, for February	$150 00	
Mar. 1	Jas. Muir, for January and February	92 50	
	Wm. Crump, for January and February	61 65	
3	A. R. Lasher, for February	50 00	
31	E. F. Smith, for March	150 00	
Apr. 1	J. Muir, for March	75 00	
	Wm. Crump, for March	50 00	
	A. R. Lasher, for March	50 00	
May 5	J. Muir, for April	75 00	
	Wm. Crump, for April	50 00	
	A. R. Lasher, for April	50 00	
	A. J. Hopper, for April (acting Secretary)	150 00	
31	E. F. Smith, for May	150 00	
June 3	Jas. Muir, for May	75 00	
	Wm. Crump, for May	50 00	
	A. R. Lasher, for May	50 00	
	Amounts carried forward	$1,329 15	$65,116 54

	Amounts brought forward	$1,329 15	$65,116 54
June 30	E. F. Smith, for June	150 00	
July 2	Jas. Muir, for June	75 00	
	Wm. Crump, for June	50 00	
	A. R. Lasher, for June	55 00	
	E. F. Smith, for July	150 00	
Aug. 2	A. R. Lasher, for July	55 00	
	James Muir, for July	75 00	
	William Crump, for July	50 00	
30	E. F. Smith, for August	150 00	
	James Muir, for August	75 00	
	William Crump, for August	50 00	
Sept. 4	A. R. Lasher, for August	55 00	
10	A. R. Lasher, to date	14 80	
30	E. F. Smith, for September	150 00	
Oct. 4	William Crump, for September	50 00	
	James Muir, for September	75 00	
7	C. F. Clark, trackman, for September	15 00	
30	C. F. Clark, trackman, for October	50 00	
	James Muir, for October	75 00	
	William Crump, for October	50 00	
	E. F. Smith, for October	150 00	
4	A. J. Hopper, for August and September	200 00	
Nov. 30	E. F. Smith, for November	150 00	
	James Muir, for November	75 00	
	William Crump, for November	50 00	
	C. F. Clark, for November	50 00	
Dec. 31	E. F. Smith, for December	150 00	
	James Muir, for December	75 00	
	William Crump, for December	50 00	
	C. F. Clark, for December	50 00	
Jan. 31	E. F. Smith, for January	150 00	
	James Muir, for January	75 00	
	William Crump, for January	50 00	
	C. F. Clark, for January	50 00	
			$4,123 95
	Park and Pavilion Receipts.		
	Rebate on annual members' account, life members	$25 00	$25 00
	Entrances Due.		
	Race No. 2—"Little Em."	$100 00	
	Race No. 10—"Frank L."	120 00	
	Race No. 27—"Bonanza"	20 00	
	Race No. 29—"Frank L."	120 00	
	Race No. 29—"Belle Spencer"	120 00	
			$480 00
	Occident Stake.		
	Paid collections made in 1883	$1,000 00	$1,000 00
	Annual Two-year Old Stake.		
	Paid collections made in 1883	$500 00	$500 00
	Profit and Loss.		
	Paid L. J. Rose balance account Yearling Stake, 1883	$45 00	$45 00
	Races, 1884.		
	Race No. 1—Added money, stakes, etc.	$1,575 00	
	Race No. 2—Purse	1,000 00	
	Race No. 3—Purse	1,200 00	
	Race No. 4—Added money, stakes, etc.	295 00	
	Race No. 5—Added money, stakes, etc.	800 00	
	Race No. 6—Added money, stakes, etc.	560 00	
	Race No. 7—Added money, stakes, etc.	200 00	
	Race No. 8—Purse	1,000 00	
	Race No. 9—Added money and stakes	1,075 00	
	Race No. 10—Purse	1,200 00	
	Race No. 11—Stakes	125 00	
	Race No. 12—Added money and stakes	345 00	
	Amounts carried forward	$9,375 00	$71,290 49

Amounts brought forward	$9,375 00	$71,290 49
Race No. 13—Added money and stakes	900 00	
Race No. 14—Added money and stakes	590 00	
Race No. 15—Purse	300 00	
Race No. 16—Purse	1,000 00	
Race No. 17—Purse	1,320 00	
Race No. 18—Added money and stakes	270 00	
Race No. 19—Added money and stakes	800 00	
Race No. 20—Purse	250 00	
Race No. 21—Purse	400 00	
Race No. 22—Purse	1,200 00	
Race No. 23—Purse	1,080 00	
Race No. 24—Added money and stakes	360 00	
Race No. 25—Added money and stakes	430 00	
Race No. 26—Added money and stakes	470 00	
Race No. 27—Purse	200 00	
Race No. 28—Entrances	350 00	
Race No. 29—Purse	1,200 00	
Race No. 30—Purse	1,350 00	
Special No. 1—Purse	400 00	
Special No. 2—Purse	270 00	
Special No. 3—Purse	400 00	
Special No. 4—Purse	250 00	
		$23,165 00
January 31, 1885—Cash on hand		315 56
Total		$94,771 05

COMPARATIVE STATEMENT OF RECEIPTS AND DISBURSEMENTS, 1883–1884.

RECEIPTS.

Total amount receipts Fair of 1884	$39,908 15	
Total amount receipts Fair of 1883	25,362 72	
Excess in 1884		$14,545 43

DISBURSEMENTS.

Expenses, etc., 1884.

Advertising	$1,147 20	
Building and improvements (net)	32,905 55	
Insurance	1,517 98	
Expense (including Park and Pavilion payrolls Fair time)	15,612 08	
Interest	2,390 45	
Salaries	4,123 95	
		$57,697 21

1883.

Advertising	$1,311 95	
Buildings and improvements (net)	6,243 31	
Insurance	428 53	
Expense (including Park and Pavilion payrolls Fair time)	11,400 33	
Interest	207 28	
Salaries	2,620 00	
		$22,211 40
Excess in 1884		$35,485 81

PREMIUMS.

Paid in 1884	$11,467 28	
Paid in 1883	8,915 50	
Excess in 1884		$2,551 78

RACES.

Gross amount paid in 1884	$23,165 00	
Gross amount paid in 1883	14,005 00	
Excess in 1884		$9,160 00

SUMMARY.

Receipts.

Total excess of Park and Pavilion receipts 1884 over 1883	$14,454 43

Disbursements.

Total expenses, etc., of 1884 exceeds 1883	$35,485 81	
Total premiums of 1884 exceeds 1883	2,551 78	
Total races of 1884 exceeds 1883	9,160 00	
Total excess of expenditures of 1884 over 1883		$47,197 59

Races, 1884.

Amount paid in purses	$13,100 00	
Amount received and due by entrance fees	10,330 00	
Net amount given trotters		$2,770 00
Net amount given runners		4,030 00
Net total amount expended		$6,800 00
Park privileges and programmes (net)	$8,309 10	
Total amount paid out for races (net)	6,800 00	
Net profit on races		$1,509 10

PARK AND PAVILION RECEIPTS.

1884.	Park.	Pavilion.
Sept. 8—Ticket sales		$1,648 00
9—Ticket sales		1,796 00
10—Ticket sales		1,744 50
11—Ticket sales	$2,597 00	1,277 75
12—Ticket sales	1,585 50	906 50
13—Ticket sales	1,270 50	745 00
15—Ticket sales	1,101 00	863 00
16—Ticket sales	1,369 00	932 50
17—Ticket sales	1,301 00	1,091 00
18—Ticket sales	1,833 50	1,163 50
19—Ticket sales	2,085 00	1,005 50
20—Ticket sales	1,178 00	848 00
Entry clerks	472 00	475 00
Office collections	139 25	1,222 80
Privileges	8,169 85	1,087 50
Totals	$23,101 60	$16,806 55

PROFIT AND LOSS—(net).

Receipts.

During Fair weeks	$39,883 15	
Rent	3,800 00	
Premium account from State, etc.	7,610 00	
Profit and loss balance February 1, 1884	899 96	
		$52,193 11

Disbursements.

Advertising	$1,147 20	
Insurance	1,517 98	
Premiums paid	11,467 28	
Expenses	15,594 08	
Interest	2,390 45	
Salary	4,123 95	
Races	6,800 00	
Profit and loss account, back races	45 00	
Net gain for 1884	9,107 17	
		$52,193 11

ANNUAL MEETING.

The Board of Directors held their annual meeting on Monday, February 9, 1885, with President Finigan in the chair, and the following members present: Green, Hancock, Newton, Coulter, Boggs, LaRue, and Chase.

Absent—Messrs. Carr, Shafter, Rose, and Shippee.

The Secretary's report for the year ending February 1, 1885, was read, adopted, and ordered to print, and to be transmitted to the Governor. After disposing of other business of minor importance, the Board proceeded to organize for 1885 by the

ELECTION OF OFFICERS.

The Board of 1885 consists of the same members, except that Hon. S. T. Coulter was appointed during 1884, vice W. P. Coleman, resigned, Directors Green, Shafter, and Carr having been reappointed, vice themselves, terms expired.

The first order of business being the election of President to serve one year from February 1, 1885, the presiding officer declared nominations to be in order.

Mr. Green nominated Mr. Jesse D. Carr, of Salinas.

Mr. La Rue nominated Mr. Chris. Green, of Sacramento.

Mr. Green thanked the gentleman for the compliment, but respectfully declined.

Mr. Boggs moved that the Secretary cast the vote of the Board for Mr. Carr. Objections having been made, the same was withdrawn, and the members proceeded to ballot. First ballot: Mr. Carr received three votes; Mr. Finigan received three votes; Mr. Green received one vote; blank, one vote. No choice. Second ballot: Mr. Carr received five votes, and Mr. Finigan received three votes. Mr. Carr, having received the majority of all votes cast, was declared elected.

Mr. Finigan, upon retiring from the chair, returned thanks to the Board for past honors, and assured them that he would at all times work for the society's interest.

In the absence of the President elect, Mr. La Rue was invited to preside.

Hon. H. M. La Rue in the chair.

The next business in order being the election of a Superintendent of the Park.

Mr. Hancock nominated Mr. Green.

Mr. Green nominated Mr. Hancock.

Roll called, with the following result: For Green—Messrs. Hancock, Newton, Coulter, Boggs, La Rue, Chase, and Finigan—seven.

For Hancock—Mr. Green—one.

Mr. Green, having received a majority of all the votes cast, was declared duly elected Superintendent of the Park.

The next business in order being the election of a Superintendent

of the Pavilion, the presiding officer declared nominations to be in order.

Mr. Coulter nominated Mr. Hancock.

Mr. Hancock declined.

Mr. Newton nominated Mr. La Rue.

Roll called, with the following result: For La Rue—Messrs. Green, Hancock, Newton, Coulter, Boggs, Chase, and Finigan—seven. For Hancock—La Rue—one.

Mr. La Rue, having received a majority of votes, was declared duly elected.

The presiding officer named the following committees:

ON PREMIUM LIST.

The entire Board.

ON SPEED PROGRAMME.

Messrs. Chase, Finigan, Green, Newton, Rose, and La Rue.

The next meeting of the Board was set for Monday, March 16, 1885.

The Secretary was directed to advertise the usual colt purses of $1,000 each, for two, three, and four-year olds. Entries to close March 10, 1885.

After considering other matters pertaining to the State Fair of 1885, and the financial condition of the society, the Board adjourned.

EXHIBITS AT THE FAIR—1884.

ANNUAL EXHIBIT AT THE PARK.

FIRST DEPARTMENT.

Color.	Name.	Sire.	Dam.	Owner.	Residence.
	CLASS I—THOROUGHBRED HORSES—STALLIONS.				
	Four Years Old and Over.				
Bay	Kelpie	Claud Duval	Imagination	H. R. Potter	Stockton.
Bay	Clifton Bill	Leinster	Tibbie Dunbar	P. M. Warn	Sacramento.
Bay	Frank Rhodes	Leinster	Addie A.	W. L. Pritchard	Sacramento.
	Three Years Old and Over.				
Chestnut	Jo Wheatley	Wheatley	Mary Gibbons	F. DePoyster	Sacramento.
	One Year Old.				
Sorrel	Amphion	Norfolk	Illusion	Wm. Todhunter	Washington.
Sorrel	Bonanza Jim	Norfolk	Mattie Glen	Wm. Todhunter	Washington.
Sorrel	King of Norfolk	Norfolk	Marian	Wm. Todhunter	Washington.
	MARES.				
	Three Years Old.				
Bay	Emma B.	Bayswater	Lady Fashion (Belmont)	C. Halverson	Routiers.
Brown	Esmeralda	Shannon	Ruth Ryan (by Lodi)	Chas. Scott	Napa.

	FAMILIES.				
	Stallion, other than Thoroughbred, with not less than five of his Colts, open to all.				
Brown	Singleton and five colts	Willie Schepper	Lightfoot	J. T. McIntosh	Chico.
Black	Forester and five colts	Sir William	By Cadmus	C. A. Graves and —— Galling	Nicolaus.
	Dam, other than Thoroughbred, with not less than two of her Colts.				
Steel gray	Rebecca	Young Peacock	St. Clair mare	A. D. Miller	Walsh's Station
Steel gray	Buccaneer, Jr.	Buccaneer	Rebecca	A. D. Miller	Walsh's Station.
Steel gray	Juno	Prompter	Rebecca	A. D. Miller	Walsh's Station.
Steel gray	Eclipse	Prompter	Rebecca	A. D. Miller	Walsh's Station.
Bay	Maud	Wm. Wallace	Poll	W. E. Comstock	Pleasant Grove.
Gray	Major	Gray Eagle	Maud	W. E. Comstock	Pleasant Grove.
Bay	Belle	Napoleon	Maud	W. E. Comstock	Pleasant Grove.
	CLASS II—HORSES OF ALL WORK—STALLIONS.				
	Four Years Old and Over.				
Bay	Rolla	Old Rolla	Ottawa Chief mare	I. R. Jewell	Petaluma.
Chestnut	Amador Prince	By Hambletonian	Nellie Taylor	Jay Scott	Ione.
Bay	Prince	Canadian stock	Imp. Canadian	G. W. Hancock	Sacramento.
Dark brown	S. J. Tilden	Black Prince	Daisy	C. L. Kincaid	Davis.
Bay	Young Peacock	Imp. Peacock	By French Messenger	Geo. Hack	Freeport.
Dapple gray	Selim	Norman Wonder	Tecumseh mare	A. D. Oakley	Folsom.
Bay	Marquis of Lorne	Marquis of Graham	Nancy	W. H. Blackford	Grand Island.
Bay	Hamilton	Young Hambletonian	Eureka	A. D. Miller	Walsh's Station.
Gray	Belgrave, Jr.	Belgrave	May	R. J. Merkeley	Sacramento.
	Three Years Old.				
Black	Henry Clay	Membrino	Brown Lucy (Lodi)	John McEntee	Gonzales.
	Two Years Old.				
Bay	Goleta	Vibrator	Sired by Robert Lee	Robert Williamson	Sacramento.
Black	Major Mont	Tilton Almont	Belmont mare	C. H. Merrill	Willows.
Dark ches't	Bob Dusthim	Brick	Annie Jackson	G. W. Brandon	Capay.
Sorrel	Charlie Patchen	Geo. M. Patchen, Jr.	Daisy	C. L. Kincaid	Davis.
Black	Arlington	Potomac Jack	Lou (by Coburg horse)	M. Wick	Oroville.
Bay	Diamond King	Eureka	Oleta (Belmont)	C. K. Bailey	Stockton.
Steel gray	Major	Gray Eagle	Maud	W. E. Comstock	Pleasant Grove.

FIRST DEPARTMENT—Continued.

Color.	Name.	Sire.	Dam.	Owner.	Residence.
	One Year Old.				
Sorrel	Modoc	Prompter	Nelson mare	A. D. Miller	Walsh's Station.
Bay	George Howson	Jim Douglas	Unknown	Thompson Davis	Plymouth.
	Under One Year Old.				
Gray		Prince	Fannie	G. W. Hancock	Sacramento.
	MARES.				
	Four Years Old and Over, with Colt.				
Bay	Lucy and colt	Planter	Jennie	W. R. Cunnington	Nicolaus.
Sorrel	Frankie Eaton and colt	Hambletonian	Mary Fish	B. E. Harris	San Francisco.
Sorrel	Eureka and colt	Young Nelson	Abdallah	A. D. Miller	Walsh's Station.
	Four Years Old and Over.				
Dark bay	Lady May	Brick	Martha Wallis	G. W. Brandon	Capay.
Ch. sorrel		Oregon Charlie	Nellie	John Adams	Monticello.
Gray	Lucy Grey	Combination	St. Clair mare	A. D. Miller	Walsh's Station.
	Three Years Old.				
Ch. sorrel	Nellie A.	Brick	Jennie Gibson	J. H. Allen	Sacramento.
Bay	Mollie	Peacock	Nelson mare	Geo. Hack	Freeport.
Sorrel	Daisy Dean	Combination	Eureka	A. D. Miller	Walsh's Station.
	Two Years Old.				
Brown	Daisy	Admiral	Black Maggie	A. L. Chapman	Suisun.
Black	Queen	Gray Eagle	May	W. E. Comstock	Pleasant Grove.
	One Year Old.				
Steel gray	Juno	Prompter	Rebecca	A. D. Miller	Walsh's Station.
	Suckling Colt.				
Bay	Maggie	Levi Slaggart	Lucy	W. R. Cunnington	Nicolaus.
	CLASS III—DRAFT HORSES—STALLIONS.				
	Four Years Old and Over.				
Brown	Oteel	Imported	Imported	C. Halverson	Routiers.

Dark gray	Dantan	Imported	Imported	Wm. Curtis	Sacramento.
Black	Devote	Imported	Imported	J. R. Jones	Madison.
White	Eureka	Imported	Imported	C. K. Bailey	Stockton.
Gray	Merlin	Imp. Norman	Imported	H. F. Fairbanks	Petaluma.
Gray	Vendee	Imported	Imported	A. B. McCrae	Roseville.
	Three Years Old.				
Bay	British Oak	Imp. King Charles	Dragon	J. T. Whitney	Rocklin.
Black	Scotch Outcry	Scotchman	Jess	G. L. Meadows	Elk Grove.
	Two Years Old.				
Dark bay	Royal Tom	Eureka	Scotch Clyde mare	C. K. Bailey	Stockton.
Gray	Oscar Wilde	Duke de Chartres	English draft mare	C. K. Bailey	Stockton.
Steel gray	White King	Eureka	Rose	C. K. Bailey	Stockton.
Black	Model Mint	Eureka	Milk Maid	C. K. Bailey	Stockton.
Black	Scotty	Lord Derby	Maud	W. R. Cunnington	Nicolaus.
	One Year Old.				
Black	Farmers' Glory	Gray Fallen	Brown Nellie	John McEntee	Gonzales.
Dark brown	Freeport	Idol	By Merkeley's horse	Joseph Waxon	Sacramento.
Black	George Washington	Eureka	Cotata Queen	C. K. Bailey	Stockton.
Gray	St. Lawrence, Jr.	St. Lawrence	Nellie	R. J. Merkeley	Sacramento.
Sorrel	General	Napoleon	May	W. E. Comstock	Pleasant Grove.
	Under One Year Old.				
Gray	Waterloo	Eureka	Cotata Queen	C. K. Bailey	Stockton.
Sorrel	Prince	St. Cloud	Poll	W. E. Comstock	Pleasant Grove.
	MARES.				
	Four Years Old and Over, with Colt.				
Gray	Cotata Queen and colt	Duke de Chartres	English draft	C. K. Bailey	Stockton.
Black	Fanchon and colt	Normandy	Nellie	R. J. Merkeley	Sacramento.
	Four Years Old and Over.				
Bay	Imp. Welcome	Lincoln	Bonny	J. T. Whitney	Rocklin.
Gray	Imp. Vitesse	Imported	Imported	J. T. Whitney	Rocklin.
Gray	Nellie	Imp. Bologne	Imp. draft	R. J. Merkeley	Sacramento.
Black	May	Wm. Wallace	Poll	W. E. Comstock	Pleasant Grove.
	Three Years Old.				
Bay	Imp. Catch	Rutland Champion	Honest Poll	J. T. Whitney	Rocklin.
Brown	Imp. Windsor	Napoleon	Wiltshire Champion	J. T. Whitney	Rocklin.

Color.	Name.	Sire.	Dam.	Owner.	Residence.
	Two Years Old.				
Bay	Juanita	Sir Archy	Nellie	R. J. Merkeley	Sacramento.
	One Year Old.				
Light gray	Maggie Traylor	Eureka	Graded mare	C. K. Bailey	Stockton.
Bay	Belle	Napoleon	Maud	W. E. Comstock	Pleasant Grove.
	Suckling Colts.				
Bay	Moss Rose	Eureka	Rose	C. K. Bailey	Stockton.
Black	Emma	Dumas	Fanchon	R. J. Merkeley	Sacramento.
	CLASS IV—ROADSTERS—STALLIONS.				
	Four Years Old and Over.				
Bay	Admar	Admiral	Bruna	H. T. Hatch	Suisun.
Brown	Sultan	The Moor	Sultana	L. J. Rose	San Gabriel.
Bay	Gov. Hendricks	Admiral	Black Maggie	A. L. Chapman	Suisun.
Brown	Tilton Almont	Tilton Almont, Sr.		Wm. Billups	Colusa.
Sorrel	Doncaster	Elmo	Lady Emily	John Dennen	Grass Valley.
Black	Gen. Wilkes	Membrino Wilkes	By Blackburn's Whip	G. T. Elliot	San Benito.
Black	Privateer	Buccaneer	Lady Narley	M. W. Hicks	Sacramento.
Brown bay	Buccaneer, Jr.	Buccaneer	By Compromise	P. M. Warn	Sacramento.
Bay	Colonel	Sam Purdy	By Woodburn	J. W. Donathan	Oakland.
Sorrel	Adventure	Venture	Young Rosedale	B. E. Harris	San Francisco.
Steel gray	Buccaneer, Jr.	Buccaneer	Rebecca	A. D. Miller	Walsh's Station.
Roan	Seneca Chief	Major Turtellotte	Unknown	L. Whitmore	Woodland.
	Three Years Old.				
Black	Elite	Nephew	Lady Douglas	P. W. Dudley	Oakdale.
Bay	Ralph T.	Buccaneer	Harkaway mare	B. F. True	Chico.
Sorrel ches't.	Nelwood	Nutwood	Bonny, by John Nelson	G. W. Hancock	Sacramento.
Bay	Roscoe	Brigadier	Flora F.	A. L. Frost	Sacramento.
Brown	Alert	Arthurton	Pinole	Jas. H. Tennent	Pinole.
	Two Years Old.				
Black	Black Diamond	Sultan	Kate, by Turboc	J. W. Gardner	Santa Ana.
Bay	Pacific	Sultan	Hambleto'n and Bel. mare	J. W. Gardner	Santa Ana.
Chestnut	Ben T.	Singleton	Harkaway mare	B. F. True	Chico.

Sorrel	Piedmont	Tilton Almont	Nelson mare	Wm. Billups	Colusa.
Black	Sur Del	Del Sur	By Black Ralph	R. H. Newton	Woodland.
Bay	Apex	Prompter	Flaxtail	S. K. Trefry	Sacramento.
Bay	Willie G.	Echo	Booth mare	F. H. Burke	San Francisco.
Gray colt	Strathearn	Echo	Ruth Ryan	Chas. Scott	Napa.
	One Year Old.				
Bay	Climax	Tilton Almont	Belmont mare	W. R. Merrill	Willows.
Bay	Diamond Star	Prompter	Judah, by St. Clair	M. W. Hicks	Sacramento.
Bay	Brilliant	Sterling	Mischief	M. W. Hicks	Sacramento.
Bay	St. James	Singleton	Susie Brown	J. T. McIntosh	Chico.
Bay	Tanhauser	Echo	By Patchen	J. B. Haggin	Sacramento.
	Suckling Colts.				
Bay		Prompter	Nelson mare	Henry Klemp	Pleasant Grove.
Bay	Relief	Reliance	Frankie Eaton	B. E. Harris	San Francisco.
Gray	Eclipse	Prompter	Rebecca	A. D. Miller	Walsh's Station.
	GELDINGS.				
Iron gray	Punch	Buccaneer	Graydale, by Amer'n Boy	G. Valensin	Arno.
Bay	Nemie O.	Ethan Allen, Jr.	By Lancet, by St. Clair	J. C. Brewster	Placerville.
Black	Jack Downing	Norfolk	Black Maggie	A. L. Chapman	Suisun.
Brown	Whisper	Young Consternation	By Hercules	Ed. Younger	San José.
Bay	Joe Snitz	Eureka	Joe Daniels' Young Josie	C. K. Bailey	Stockton.
Chestnut	Prince	Unknown	Unknown	J. Barsolen	Woodland.
Brown	Dick Brown	Unknown	Unknown	S. K. Trefry	Sacramento.
Bay	Veto	Dom Pedro	Taylor mare	S. H. Martin	Woodland.
Brown bay	Scaldine	Victor	By Challenge	S. H. Martin	Woodland.
Brown	Judge Patterson	Nephew	Daisy, by Chieftain	J. A. McCloud	Stockton.
	MARES.				
	Four Years Old and Over.				
Bay	Magdalene	Peerless	Black Hawk mare	P. W. Dudley	Oakdale.
Black	Baby Mine	Nephew	Black Hawk mare	P. W. Dudley	Oakdale.
Bay	Enigma	Signal	Belmont mare	W. Ober	Sacramento.
Gray	Mayfly	Norwood	By Blackbird	John Batcher	Sacramento.
Bay	Jennie St. Clair	St. Clair	Thoroughbred, by Lex'n	G. W. Hancock	Sacramento.
Bay	Empress	Flaxtail	Lady Narley	M. W. Hicks	Sacramento.
Bay	Debbie	Prompter	By Blackbird	W. F. Smith	Sacramento.
Brown	Twinkle	Echo	Lena Bowles	J. H. Tennent	Pinole.
Bay	Sultan filly	Sultan	Katydid	Worth Ober	Sacramento.
Bay	Daisy	Young Nelson	Jennie	W. R. Cunnington	Nicolaus.

Color.	Name.	Sire.	Dam.	Owner.	Residence.
Black	Gerster	Altoon	Unknown	J. W. Donathan	Oakland.
Gray	Mayflower	Fred Low	Lexington mare	H. Zimmerman	Marysville.
Brown mare	Neluska	Sultan	Gretchen	L. J. Rose	San Gabriel.
	Three Years Old.				
Bay	Primera	Admar	Lady Jane	A. T. Hatch	Suisun.
Chestnut	Night Hawk	Brigadier	By Billy McCracken	D. E. Knight	Marysville.
	Two Years Old.				
Brown	Belle A.	Tilton Almont	Unknown	W. R. Merrill	Willows.
Bay	Zephyr	Nutwood	Jennie St. Clair	G. W. Hancock	Sacramento.
Bay	Arthena	Arthurton	Belle Thompson	J. H. Tennent	Pinole.
Black	Starlight	Singleton	Mattie Solomon	J. T. McIntosh	Chico.
Bay	Skip	Finner	Unknown	L. Whitmore	Woodland.
	One Year Old.				
Brown	Pauline	Admar	Polly Lincoln	A. T. Hatch	Suisun.
Bay	Echolo	Echo	Lady Dana	B. E. Harris	San Francisco.
Brown	Beauty	Prompter	Lady Narley	M. W. Hicks	Sacramento.
Chestnut	Crescent	Prompter	Starlight	M. W. Hicks	Sacramento.
Black	Lightly	Privateer	Lightfoot	M. W. Hicks	Sacramento.
Bay	Sacramento Belle	Privateer	Mahaska Belle	M. W. Hicks	Sacramento.
Sorrel		Algona	Pumpkins	J. B. Haggin	Sacramento.
	Suckling Colts.				
Bay		Sterling	Pearl	M. W. Hicks	Sacramento.
Sorrel	Lilly	Prompter	Eureka	A. D. Miller	Walsh's Station.
	CLASS V—CARRIAGE HORSES.				
Dapple gray	Jim	Highland Chief	Magna Charta mare	E. C. Fortier	Red Bluff.
Dapple gray	George	Highland Chief	Rifleman mare	E. C. Fortier	Red Bluff.
Steel gray	Tom	Black Ralph	St. Clair mare	H. E. Clark	Sacramento.
Steel gray	Ben	Black Ralph	St. Clair mare	H. E. Clark	Sacramento.
Black	Prince	Unknown	Unknown	J. F. Davis	Sacramento.
Black	Duke	Unknown	Unknown	J. F. Davis	Sacramento.
Sorrel	Dick	Bismarck	Jack Hawkins' mare	Geo. C. McMullen	Sacramento.
Sorrel	Dan	Bismarck	Kentucky mare	Geo. C. McMullen	Sacramento.

Bay		Nelson horse	Black Hawk mare	H. T. Fairbanks	Petaluma.
Bay		Nelson horse	Black Hawk mare	H. T. Fairbanks	Petaluma.
Sorrel	Colonel			B. E. Harris	San Francisco.
Sorrel	Elmo			B. E. Harris	San Francisco.
Black	Kentuck			W. M. Coward	Woodland.
Black	Prince			W. M. Coward	Woodland.
Gray	George			L. Whitmore	Woodland.
Gray	Adam			L. Whitmore	Woodland.
	CLASS VI—ROADSTER TEAMS.				
Bay	Mollie	Bonner	Langford mare	L. U. Shippee	Stockton.
Bay	Nellie	Bonner	Langford mare	L. U. Shippee	Stockton.
	CLASS VII—STANDARD TROTTERS—STALLIONS.				
	Four Years Old and Over.				
Bl'k & gray	Berlin	Blackbird	Addie Lee	H. S. Beals	Sacramento.
Bay	Prompter	Wilson's Blue Bull	Prairie Bird	M. W. Hicks	Sacramento.
Bay	Hawthorne	Nutwood	By Goldsmith's Volunteer	L. U. Shippee	Stockton.
	Three Years Old.				
Bay	Sydney	Santa Claus	Sweetness, by Volunteer	G. Valensin	Arno.
Bay	Mount Vernon	Nutwood	Daisy, by Chieftain	J. A. McCloud	Stockton.
	One Year Old.				
Sorrel	Vim	Crown Point	Nettie, by Nelson's Lamb't	G. Valensin	Arno.
Black	Caliph	Sultan	By The Moor	M. W. Hicks	Sacramento.
Bay		Echo	Sister to Alexander	J. B. Haggin	Sacramento.
Chestnut		Hawthorne	Whipple mare	L. U. Shippee	Stockton.
	Suckling Colt.				
Bay		Hawthorne	Black Hawk mare	L. U. Shippee	Stockton.
	MARES.				
	Four Years Old and Over.				
Sorrel	Pearl	Blue Bull	Lightfoot	M. W. Hicks	Sacramento.
Bay	Cora	Buccaneer	Pearl	W. F. Smith	Sacramento.
Black	Ryan mare	McCracken's Black Hawk	George Evans' mare	L. U. Shippee	Stockton.
	Three Years Old.				
Black	Pansy	Berlin	Lady Hubbard	W. F. Smith	Sacramento.

FIRST DEPARTMENT—Continued.

Color.	Name.	Sire.	Dam.	Owner.	Residence.
	One Year Old.				
Black	Houri	Crown Point	Del. Foster	G. Valensin	Arno.
Bay	Mildred	Berlin	Nelson mare	H. S. Beals	Sacramento.
Bay		Echo	Woodbine	J. B. Haggin	Sacramento.
	CLASS VIII—SADDLE HORSES.				
	Horses, Mares, or Geldings.				
Bay	Dan			N. A. Rideout	Gridley.
Ch't sorrel	Chapeau	Hock-Hocking	Unknown	A. J. Hutchinson	Los Angeles.
Gray	Buckskin	Billie Wyatt	Unknown	T. C. Dean	Snelling.
Ch't sorrel	Ant Eater	Primus	Unknown	B. W. Kavanaugh	Sacramento.
Sorrel	Rob Roy	George Moore	Susie	J. W. Coffey	Red Bluff.
Gray	Hancock	Pilot	By Belmont	J. B. Haggin	Sacramento.
Black	Hector	Belmont	Mary Fish	B. E. Harris	San Francisco.
Bay	Lea	Irwin Davis	By Belmont	B. E. Harris	San Francisco.
Bay	Rose Tennent	Pinole	Leonora	B. E. Harris	San Francisco.
	CLASS IX—SWEEPSTAKES—STALLIONS.				
Bay	Shire stallion, British Oak	Imp. King Charles	Imp. Dragon	J. T. Whitney	Rocklin.
Brown	Sultan	The Moor	Sultana	L. J. Rose	San Gabriel.
Steel gray	Buccaneer	Buccaneer	St. Clair mare	A. D. Miller	Walsh's Station.
	MARES.				
Black	Pansy	Berlin	Lady Hubbard	W. F. Smith	Sacramento.
Bay	Catch	Imported	Imported	J. T. Whitney	Rocklin.
Bay	Adams' Big Mare	Oregon Charlie	Nellie	John Adams	Monticello.
	JACKS.				
	Four Years Old and Over.				
Black	Barnum	Stonewall	By Maltese Jack	J. G. Smith	Albion.
Black	Jeff Davis	Brigham Young	By Maltese Jack	J. G. Smith	Albion.
Black	Bob Letcher	Brigham Young	Maltese Jennie	J. G. Smith	Albion.
Black	Black Sampson	Cadwalader's Poloma	Meringo Mathoth	W. A. Munion	Dixon.
Black	Big Tom	Corsey	Black Mammoth	I. Mosher	Stockton.
Black	Pilot	Black Prince	By Black Sampson	C. L. DeVinny	Stockton.

Black	Young Sampson	Sampson	Unknown	W. R. Cunnington	Nicolaus.
Black	Stonewall	Black Mammoth	Unknown	J. O. Johnson	Vallejo.
Black	Castilian	Imp. Spanish Jack	Kentucky Jennie	L. U. Shippee	Stockton.
	Two Years Old.				
Black	Jumbo, Jr.	Jumbo, Sr.	Maltese Jennie	Henry Klemp	Pleasant Grove.
Black	Major Kent	Kentucky Jack	Mammoth	L. U. Shippee	Stockton.
	Sucklings.				
Black		Munion's Jack	By Kentuck	L. U. Shippee	Stockton.
Gray		Castilian	Imp. Mammoth	L. U. Shippee	Stockton.
	JENNIES.				
	Four Years Old and Over.				
Black	Black Fannie	Unknown	Unknown	W. A. Munion	Dixon.
Brown		Kentuck Jack	Maltese Jennie	L. U. Shippee	Stockton.
Black		Imported	Imported	L. U. Shippee	Stockton.
Gray		Calwell's Kentucky Jack	Imp. Mammoth	L. U. Shippee	Stockton.
	Two Years Old.				
Black		Kentuck Swain Jack	Maltese Jennie	L. U. Shippee	Stockton.
	One Year Old.				
Black		Kentuck Swain Jack	Maltese Jennie	L. U. Shippee	Stockton.
	Sucklings.				
Black		Castilian	Kentucky Jennie	L. U. Shippee	Stockton.
Black		Castilian	Kentucky Jennie	L. U. Shippee	Stockton.
	MULES.				
	Span of any Age—California Bred.				
Brown	May			W. L. Pritchard	Sacramento.
Brown	Polly			W. L. Pritchard	Sacramento.

FIRST DEPARTMENT—Continued.

Color.	Name.	Sire.	Owner.	Residence.
	CLASS I—DURHAM CATTLE—BULLS.			
	Three Years Old and Over.			
Red	Forest King	7th Red Thorndale	C. Younger	San José.
	Two Years Old.			
Red and white	Louan's Duke	7th Red Thorndale	Chas. M. Stetson	Ceres.
Red	Rosemary Boy (57912)	Oxford Bell Duke (36404)	M. Wick	Oroville.
Roan	Kirk Levington of Forest Home	38th Duke of Oxford	Ed. Younger	San José.
Red	Josephus	3d Thorndale Duke	R. J. Merkeley	Sacramento.
	One Year Old.			
Red and white	Senator Booth 2d	Louan Jo 27th (43176)	M. Wick	Oroville.
Red	Senator Booth 6th	President Garfield (44594)	M. Wick	Oroville.
Red	C. L. Louan Jo 24th	Louan Jo 27th (43176)	M. Wick	Oroville.
Red	C. L. Louan Jo 25th	Louan Jo 27th	M. Wick	Oroville.
Red	Senator Booth 4th	Louan Jo 27th	M. Wick	Oroville.
Roan	5th Forest King	2d Duke of Alameda	C. Younger	San José.
Red	2d Forest King	2d Duke of Alameda	C. Younger	San José.
Roan and wh.	Oxford Duke	Mazourka's Royal Duke	Chas. Scott	Napa.
	Bull Calves.			
Red	Master Mazurke	Louan Jo 31st (43180)	M. Wick	Oroville.
Red	6th Forest King	Forest King	C. Younger	San José.
Red	7th Forest King	Forest King	C. Younger	San José.
Red	2d Kirk Levington	Kirk Levington of Forest Home	Ed. Younger	San José.
Red	3d Kirk Levington	Kirk Levington of Forest Home	Ed. Younger	San José.
Roan	5th Kirk Levington	Kirk Levington of Forest Home	Ed. Younger	San José.
Red	Logan	6th Red Thorndale	R. J. Merkeley	Sacramento.
	COWS.			
	Three Years Old and Over.			
Red	Gem	Crown Prince (9700)	M. Wick	Oroville.
Red	Frantic Louan 1st	Golden Louan Duke (21580)	M. Wick	Oroville.
Red	Ruby 1st	Orlando (15050)	M. Wick	Oroville.
Red	Frantic Louan 4th	Golden Louan Duke (21580)	M. Wick	Oroville.

Red	Matilda 4th	Major Butler (30242)	M. Wick	Oroville.
Roan	Nevada Belle 2d	Nevada	C. Younger	San José.
Roan	2d Rose of Forest Home	Thorndale	C. Younger	San José.
Red	Jessie Maynard	Master Maynard	C. Younger	San José.
Red	Red Dolly 2d	Airdrie Thorndale	Ed. Younger	San José.
Red	Oxford Rose 3d	Red Thorndale	Ed. Younger	San José.
Red and white	Dahlia 5th	Konellar	Chas. Scott	Napa.
Red	Edith	Amos Ladd	R. J. Merkeley	Sacramento.
Red	Red Edith	Duke of Sharon	R. J. Merkeley	Sacramento.
	Two Years Old.			
Red	Rosa Laca 7th	Major Butler (30242)	M. Wick	Oroville.
Red	14th Red Dolly	2d Duke of Alameda	C. Younger	San José.
Red	13th Red Dolly	2d Duke of Alameda	Ed. Younger	San José.
Red	10th Rose of Forest Home	2d Duke of Alameda	Ed. Younger	San José.
Red	Linda Belle	6th Red Thorndale	P. H. Murphy	Brighton.
Red	Ruby 3d	6th Red Thorndale	R. J. Merkeley	Sacramento.
	One Year Old.			
Red	Matilda 11th	Louan Jo 27th (43176)	M. Wick	Oroville.
Red	Matilda 12th	Louan Jo 27th	M. Wick	Oroville.
Red	Matilda 13th	Major Butler (30242)	M. Wick	Oroville.
Red	Matilda 16th	Louan Jo 27th (43176)	M. Wick	Oroville.
Red	12th Rose of Forest Home	2d Duke of Alameda	C. Younger	San José.
Red	Oxford Rose 4th	2d Duke of Alameda	C. Younger	San José.
Red	Red Dolly 15th	3d Duke of Alameda	C. Younger	San José.
Red	14th Rose of Forest Home	2d Duke of Alameda	C. Younger	San José.
Red	Hazel Kirke	6th Red Thorndale	P. H. Murphy	Brighton.
	Heifer Calves.			
Red	Matilda 20th	President Garfield (44594)	M. Wick	Oroville.
Red	Forest Rose 2d	Forest King	C. Younger	San José.
Red	7th Sprightly	Forest King	C. Younger	San José.
Roan	17th Rose of Forest Home	Kirk Levington of Forest Home	C. Younger	San José.
Red	Ellen Dale	6th Red Thorndale	P. H. Murphy	Brighton.
Red	Sunflower	Comet	P. H. Murphy	Brighton.
	JERSEY CATTLE—BULLS.			
	Three Years Old and Over.			
Solid	Buffalo Bill	Keystone	Robert Beck	San Francisco.
Fawn and bl'k	Jersey Prince	Imported	Thos. Waite	Brighton.
Fawn	Fred Baker	Fernando	Perrin Stanton	Sacramento.

Color.	Name.	Sire.	Owner.	Residence.
Solid gray	Paragon	Imported	R. Noell	Grass Valley.
Solid	1st Duke of El Dorado	General Grant	James Askew	El Dorado.
	Two Years Old.			
Fawn and bl'k	Gilroy	Bill Dadd	Wm. Hook	Sacramento.
Fawn and wh.	Jersey Duke	Monarch	Robert Beck	San Francisco.
Solid brown	Othello	Buffalo Bill	Robert Beck	San Francisco.
Squirrel gray	William	Walter Scott	Thos. Ward	Oakland.
	One Year Old.			
Fawn and wh.	Arthur L.	Buffalo Bill	Robert Beck	San Francisco.
Solid brown	Jo Little	Buffalo Bill	Robert Beck	San Francisco.
Fawn and wh.	Prince Charlie	Buffalo Bill	Robert Beck	San Francisco.
Bl'k and bro'n	John Rooney	Buffalo Bill	Thos. Waite	Brighton.
Gray and wh.	Jersey Duke	Paragon	R. Noell	Grass Valley.
	Bull Calves.			
Fawn	Jim Blaine	Hamlet	J. B. Saunders	Sacramento.
Fawn	H. M. LaRue	Jersey Prince	Thos. Waite	Brighton.
Fawn	Anteo		A. L. Nichols	Sacramento.
Fawn	Banquo	Tom (61)	A. L. Nichols	Sacramento.
Fawn	Ben Wyvis	Fred Baker	Perrin Stanton	Sacramento.
Fawn	Ben Lemonade	Fred Baker	Perrin Stanton	Sacramento.
Fawn and wh.	Keystone	Paragon	R. Noell	Grass Valley.
Fawn and wh.	Major	Commodore	R. Noell	Grass Valley.
Fawn		Paragon	R. Noell	Grass Valley.
Solid	4th Duke of El Dorado	General Grant	James Askew	El Dorado.
	COWS.			
	Three Years Old and Over.			
D'rk br. & wh.	Matilda Lotz	Keystone	Robert Beck	San Francisco.
Fawn and wh.	Pauline	Touchstone	Robert Beck	San Francisco.
Fawn and wh.	Young Beauty	Buffalo Bill	Robert Beck	San Francisco.
Fawn	Jersey Doll 2d	Buffalo Bill	Robert Beck	San Francisco.
Fawn and wh.	Maid of Lorne	Buffalo Bill	Robert Beck	San Francisco.
Solid brown	Ida H.	Dana Perkins	Robert Beck	San Francisco.
Fawn	Princess	Surprise	J. Askew	El Dorado.

Fawn	Queen	General Grant	J. Askew	El Dorado.
Fawn	Jersey Belle	Surprise	J. Askew	El Dorado.
Fawn solid	Rose Bassett	Buffalo Bill	J. B. Saunders	Sacramento.
	Lillie (311)	Jaundice (65)	E. F. Aiken	Sacramento.
Fawn and wh.	Bonita	Farwell	Thos. Ward	Oakland.
Fawn and bl'k.	Ida W.	Buffalo Bill	Thos. Waite	Brighton.
Fawn and wh.	Mira Belle	Sankey (56)	A. L. Nichols	Sacramento.
Fawn	Ione of Sacramento	Fernando	P. Stanton	Sacramento.
Gray	Katie	Imported	R. Noell	Grass Valley.
Fawn	Young Fan	Imported	R. Noell	Grass Valley.
Fawn	Topsy	Imported	R. Noell	Grass Valley.
Fawk and wh.	Lucy	Paragon	R. Noell	Grass Valley.
Fawn	Maud	Paragon	R. Noell	Grass Valley.
	Two Years Old.			
	Mattie (485)	Major	E. F. Aiken	Sacramento.
Solid	Oakland Queen	Walter Scott	Thos. Ward	Oakland.
Bluish gray			G. W. Hancock	Sacramento.
Fawn			G. W. Hancock	Sacramento.
Bro'n and wh.	Almet	Buffalo Bill	A. L. Nichols	Sacramento.
Fawn	Queen of Sacramento	Fernando	P. Stanton	Sacramento.
Fawn	Oleta	Romeo	P. Stanton	Sacramento.
Fawn	Maud S.	Paragon	R. Noell	Grass Valley.
Fawn	Ida C.	Jersey Prince	R. Noell	Grass Valley.
Fawn	Dinah	Paragon	R. Noell	Grass Valley.
Fawn	Joe Hill	Buffalo Bill	Robert Beck	San Francisco.
Fawn	Lora	Buffalo Bill	Robert Beck	San Francisco.
	One Year Old.			
Solid	Jessie C.	Buffalo Bill	Robert Beck	San Francisco.
Solid	Annie H.	Buffalo Bill	Robert Beck	San Francisco.
Solid fawn	Daisy Bassett	Buffalo Bill	J. B. Saunders	Sacramento.
Light fawn	Topsy	Cetaway	Thos. Waite	Brighton.
Bluish gray	Blossom	Major	G. W. Hancock	Sacramento.
Bluish		Young Dashwood	G. W. Hancock	Sacramento.
Dark fawn	Roxana Baker	Fred Baker	P. Stanton	Sacramento.
Fawn	Laura Oleta	Fred Baker	P. Stanton	Sacramento.
Gray	1st Jersey Belle of Grass Valley	Paragon	R. Noell	Grass Valley.
Fawn and wh.	Julia H.	Jersey Prince	R. Noell	Grass Valley.
Fawn	2d Duchess of El Dorado	General Grant	J. Askew	El Dorado.
	Heifer Calves.			
Solid	Amanda	Buffalo Bill	Robert Beck	San Francisco.

FIRST DEPARTMENT—Continued.

Color.	Name.	Sire.	Owner.	Residence.
Fawn	Sadie F.	Jersey Duke	Robert Beck	San Francisco.
Solid	Lalla	Buffalo Bill	Robert Beck	San Francisco.
	Jessie 2d	Major	E. F. Aiken	Sacramento.
	Daisy		E. F. Aiken	Sacramento.
Fawn	Antoinetta	Fred Baker	P. Stanton	Sacramento.
Fawn and wh.	1st Duchess of Grass Valley	Paragon	R. Noell	Grass Valley.
	DEVONS—BULLS.			
	Three Years Old and Over.			
Red	Burnett 3d (2039)	Burnett (1648)	A. J. Hutchinson	Los Angeles.
	Two Years Old.			
Red	Columbus P. (2074)	Flytton 7th (1490)	A. J. Hutchinson	Los Angeles.
	One Year Old.			
Red	Eros (2466)	Independence (713)	A. J. Hutchinson	Los Angeles.
Red	Hugo 2d (2463)	Independence	A. J. Hutchinson	Los Angeles.
	Bull Calf.			
Red	Bideford (2821)	Independence (713)	A. J. Hutchinson	Los Angeles.
	COWS.			
	Three Years Old and Over.			
Red	Lovely 34th (3768)	Cole's Puritan	A. J. Hutchinson	Los Angeles.
Red	Wanda 3d (3769)	Burnett (1648)	A. J. Hutchinson	Los Angeles.
	Two Years Old.			
Red	Lovely 36th (4425)	Independence (713)	A. J. Hutchinson	Los Angeles.
Red	Helena 54th (4426)	Independence	A. J. Hutchinson	Los Angeles.
	One Year Old.			
Red	Lovely 37th (4721)	Independence	A. J. Hutchinson	Los Angeles.
Red	Lovely 41st (4725)	Independence	A. J. Hutchinson	Los Angeles.
	Heifer Calf.			
Red	Maid of Torridge (5331)	Independence	A. J. Hutchinson	Los Angeles.

AYRSHIRES—BULLS.

Three Years Old and Over.

Red and white	Archie (3432)	Adonis (2089)	Geo. Bement	Redwood.
Red and white	Melancthon (3435)	Melancthon Callaghan (3431)	Geo. Bement	Redwood.
Red and white	Alexis	Adonis	L. Stanford	Vina.

Two Years Old.

Red and white	Hector	Newton (3434)	Geo. Bement	Redwood.
Red and white	Menlo	General Sherman	L. Stanford	Vina.

One Year Old.

Red and white	San Mateo (3438)	Newton (3434)	Geo. Bement	Redwood.

Bull Calves.

Red and white	Clipper (3538)	Archie (3432)	Geo. Bement	Redwood.
Red and white	Berton	Alexis	L. Stanford	Vina.

COWS.

Three Years Old and Over.

Red	Elaine (7401)	Adonis (2089)	Geo. Bement	Redwood.
Red and white	Lady Faxon (7551)	Bruce (3513)	Geo. Bement	Redwood.
Dark red	Lydia 2d (4516)	Scarbora Chief (1706)	Geo. Bement	Redwood.
Red and white	Highland Mary	Archie (3432)	Geo. Bement	Redwood.
Red and white	Fly Douglas 4th	Prince Edward	L. Stanford	Vina.
Red and white	Lady Scarbora	Scarbora Chief	L. Stanford	Vina.
Red and white	Edna Brown	Scarbora Chief	L. Stanford	Vina.
Red and white	Flora	Scarbora Chief	L. Stanford	Vina.
Red and white	Florence	Scarbora Chief	L. Stanford	Vina.
Red and white	Mamie Pieree	Scarbora Chief	L. Stanford	Vina.
Red and white	Fiamma 2d	Adonis	L. Stanford	Vina.
Red and white	Dora	General Sherman	L. Stanford	Vina.

Two Years Old.

Red and white	Sybil (7404)	Melancthon Callaghan (3431)	Geo. Bement	Redwood.
Red and white	Della	General Sherman	L. Stanford	Vina.
Red and white	Udora	General Sherman	L. Stanford	Vina.
Red and white	Sadie	General Sherman	L. Stanford	Vina.

One Year Old.

Red	Marian (7408)	Archie (3432)	Geo. Bement	Redwood.

Color.	Name.	Sire.	Owner.	Residence.
	Heifer Calves.			
Red and white	Sybilla (7809)	Archie (3432)	Geo. Bement	Redwood.
Red and white	Alenia	General Sherman	L. Stanford	Vina.
	HEREFORDS—BULLS.			
	One Year Old.			
Red and white	Horace 44th	Horace 3d	R. P. Saxe, Agent, N. Z. S. & P. S. Co.	New Zealand.
Red and white	Horace 30th	Horace 3d	R. P. Saxe, Agent, N. Z. S. & P. S. Co.	New Zealand.
Red and white	Horace 32d	Horace 3d	R. P. Saxe, Agent, N. Z. S. & P. S. Co.	New Zealand.
Red and white	Horace 41st	Horace 3d	R. P. Saxe, Agent, N. Z. S. & P. S. Co.	New Zealand.
Red and white	Horace 26th	Horace 3d	R. P. Saxe, Agent, N. Z. S. & P. S. Co.	New Zealand.
Red and white	Horace 22d	Horace 3d	R. P. Saxe, Agent, N. Z. S. & P. S. Co.	New Zealand.
Red and white	Horace 46th	Horace 3d	R. P. Saxe, Agent, N. Z. S. & P. S. Co.	New Zealand.
Red and white	Horace 28th	Horace 3d	R. P. Saxe, Agent, N. Z. S. & P. S. Co.	New Zealand.
Red and white	Horace 9th	Horace 3d	R. P. Saxe, Agent, N. Z. S. & P. S. Co.	New Zealand.
Red and white	Horace 30th	Horace 3d	R. P. Saxe, Agent, N. Z. S. & P. S. Co.	New Zealand.
Red and white	Horace 40th	Horace 3d	R. P. Saxe, Agent, N. Z. S. & P. S. Co.	New Zealand.
Red and white	George 7th	George 2d	R. P. Saxe, Agent, N. Z. S. & P. S. Co.	New Zealand.
Red and white	Count Tredegar (imp.)	Dale Tredegar	Capt. W. Kohl	San Mateo.
Red and white	Vanguard	Dale Tredegar	Capt. W. Kohl	San Mateo.
	Bull Calf.			
Red and white	Duke of Normandy	Normandy	Capt. W. Kohl	San Mateo.

	COWS.			
	Three Years Old and Over.			
Red and white	Violette 2d	Sinbad	Capt. Kohl	San Mateo.
Red and white	Tidy 10th	Kenilworth	Capt. Kohl	San Mateo.
	Two Years Old.			
Red and white	Triumph Theora	Triumph	Capt. Kohl	San Mateo.
Red and white	Temptress 1st	Sir James	Capt. Kohl	San Mateo.
Red and white	Valetta 3d	Sir Oliver	Capt. Kohl	San Mateo.
	Heifer Calves.			
Red and white	Kate 1st	Normandy	Capt. Kohl	San Mateo.
Red and white	Mary 3d	Normandy	Capt. Kohl	San Mateo.
Red and white	Queen of the Pacific	Normandy	Capt. Kohl	San Mateo.
	HOLSTEINS AND HOLDERNESS—BULLS.			
	Three Years Old and Over.			
Black and wh.	Anson	Amato	Mrs. E. D. Knott	La Honda.
Black and wh.	Nero of California (2209)	Blythe (2208)	L. Stanford	Vina.
	Two Years Old.			
Black and wh.	Young Kurt (2691)	Snow Boy (2046)	L. Stanford	Vina.
	One Year Old.			
Black and wh.	Juror (2295)	Empire (588)	H. W. Meek	San Lorenzo.
Black and wh.	Gilbert (2692)	Nero of California (2209)	L. Stanford	Vina.
Black and wh.	Tehama (2693)	Nero of California	L. Stanford	Vina.
	Bull Calves.			
Black and wh.	Blaine	Anson	Mrs. E. D. Knott	La Honda.
Black and wh.	Logan	Anson	Mrs. E. D. Knott	La Honda.
Black and wh.	Butler	Anson	Mrs. E. D. Knott	La Honda.
Black and wh.	Brutus	Jacob 4th	H. W. Meek	San Lorenzo.
Black and wh.	Cassius	Prince Imperial	H. W. Meek	San Lorenzo.
Black and wh.	Mohot of Palo Alto (2688)	Mohamet 3d (1259)	L. Stanford	Vina.
Black and wh.	Luther	Nero of California	L. Stanford	Vina.

FIRST DEPARTMENT—Continued.

Color.	Name.	Sire.	Owner.	Residence.
	COWS.			
	Three Years Old and Over.			
Black and wh..	Maid of Goshen (181)	Imported	L. Stanford	Vina.
Black and wh..	Ameriquita	Kurt (120)	L. Stanford	Vina.
Black and wh..	Frou-Frou (5533)	Snow Boy (2046)	L. Stanford	Vina.
Black and wh..	Satinella (5534)	Snow Boy	L. Stanford	Vina.
Black and wh..	Clarissa (2288)	Imported	L. Stanford	Vina.
Black and wh..	Fatina (5535)	Snow Boy	L. Stanford	Vina.
Black and wh..	Jemima (5536)	Snow Boy	L. Stanford	Vina.
	Two Years Old.			
Black and wh..	Lady Bertha (4373)	Burns	H. W. Meek	San Lorenzo.
Black and wh..	Aggie Millie (4392)	Lincoln	H. W. Meek	San Lorenzo.
Black and wh..	Aggie Lizzie (4471)	De Ruyter	H. W. Meek	San Lorenzo.
Black and wh..	Rigoletto (2874)	District Bull of Beemster	H. W. Meek	San Lorenzo.
Black and wh..	Syracuse Maid (2899)	Kappeine	H. W. Meek	San Lorenzo.
Black and wh..	Mellisse	David Garrick	L. Stanford	Vina.
Black and wh..	Bonita	Snowball	L. Stanford	Vina.
	One Year Old.			
Black and wh..	Nadine	Nero of California	L. Stanford	Vina.
Black and wh..	Mozelle	Nero of California	L. Stanford	Vina.
	Heifer Calves.			
Black and wh..	Alameda Maid	Netherlands Marquis	H. W. Meek	San Lorenzo.
Black and wh..	Mayfly	Nero of California	L. Stanford	Vina.
Black and wh..	Cornelia	Nero of California	L. Stanford	Vina.
	ABERDEEN ANGUS CATTLE.			
----------	Young Favorite 4th	Cluny	Paige & Johnston	Los Angeles.
----------	Miss Fyfe 3d	Prince Albert of Baads		
----------	Blossom 3d	Heir Apparent		
----------	Black Commodore	Young Hero		
----------	Ela Angus	Knight of Aberdeen		
----------	Fred Douglas	Earl of Daugh		
----------	Ela Fyfe	Baron de Valiant		

Herd of Thoroughbred Durham Cattle, over two years old, to consist of one male and four females, owned by one person.

Red	Rosemary Boy (57912)	Oxford Bell Duke (36404)	M. Wick	Oroville.
Red	Frantie Louan 1st	Golden Louan Duke (21580)		
Red	Gem	Crown Prince (9700)		
Red	Ruby 1st	Orlando (15050)		
Red	Frantie Louan 4th	Golden Louan Duke		
Red	Forest King	7th Red Thorndale	C. Younger	San José.
Red	Nevada Belle 2d	Nevada		
Red	2d Rose of Forest Home	Thorndale		
Red	Jessie Maynard	Master Maynard		
Red	14th Red Dolly	2d Duke of Alameda		
Roan	Kirk Levington of Forest Home	38th Duke of Oxford	Ed. Younger	San José.
Red	Red Dolly 2d	Airdrie Thorndale		
Red	Oxford Rose 3d	Red Thorndale		
Red	10th Rose of Forest Home	2d Duke of Alameda		
Red	Red Dolly 13th	2d Duke of Alameda		

Herd of Thoroughbred Durham Cattle, under two years, to consist of one male and four females, owned by one person.

Red	Senator Booth 4th	Louan Jo 27th (43176)	M. Wick	Oroville.
Red	Matilda 12th	Louan Jo 27th		
Red	Matilda 11th	Louan Jo 27th		
Red	Matilda 13th	Major Butler (30242)		
Red	Matilda 16th	Louan Jo 27th (43176)		
Red	2d Forest King	2d Duke of Alameda	C. Younger	San José.
Red	12th Rose of Forest Home	2d Duke of Alameda		
Red	Oxford Rose 4th	2d Duke of Alameda		
Red	Red Dolly 15th	3d Duke of Alameda		
Red	14th Rose of Forest Home	2d Duke of Alameda		

Color.	Name.	Sire.	Owner.	Residence.
	HERDS—JERSEYS.			
	Herd of Thoroughbred Jersey Cattle, over two years old, to consist of one male and four females, owned by one person.			
----------	Buffalo Bill	Keystone	Robert Beck	San Francisco.
----------	Pauline	Touchstone		
----------	Matilda Lotz	Keystone		
----------	Jersey Doll 2d	Buffalo Bill		
----------	Young Beauty	Buffalo Bill		
----------	Jersey Duke	Monarch	Robert Beck	San Francisco.
----------	Ida H.	Dana Perkins		
----------	Maid of Lorne	Buffalo Bill		
----------	Lyda H.	Buffalo Bill		
----------	Joe Hill	Buffalo Bill		
----------	Paragon	Imported	R. Noell	Grass Valley.
----------	Katie	Imported		
----------	Young Fan	Imported		
----------	Topsy	Imported		
----------	Lucy	Paragon		
	Herd of Thoroughbred Jersey Cattle, under two years old, to consist of one male and four females, owned by one person.			
----------	Arthur L.	Buffalo Bill	Robert Beck	San Francisco.
----------	Jessie C.			
----------	Annie H.			
----------	Amanda			
----------	Lillie H.			
	HERDS—DEVONS.			
	Herd of Thoroughbred Devon Cattle, of any age, to consist of one male and four females, owned by one person.			
Red ----------	Columbus P.	Flytton		

Red	Lovely 36th	Independence	A. J. Hutchinson	Los Angeles.
Red	Helene 54th	Independence		
Red	Lovely 37th	Independence		
Red	Lovely 41st	Independence		
	HERDS—AYRSHIRES.			
	Herd of Thoroughbred Ayrshire Cattle of any age, to consist of one male and four females, owned by one person.			
	Archie (3432)	Adonis (2089)	Geo. Bement	Redwood.
	Elaine (7401)	Adonis		
	Lydia 2d (4516)	Scarbora Chief (1706)		
	Lady Faxon (7551)	Bruce (3513)		
	Highland Mary	Archie (3432)		
Red and white	Alexis	Adonis	L. Stanford	Vina.
	Floy Douglas 4th	Prince Edward		
	Edna Brown	Scarbora Chief		
	Lady Scarbora	Scarbora Chief		
	Flora	Scarbora Chief		
	HERDS—HEREFORDS.			
	Herd of Thoroughbred Hereford Cattle, of any age, to consist of one male and four females, owned by one person.			
Red and white	Count Tredegar	Dale Tredegar	Capt. Kohl	San Mateo.
Red and white	Violette 2d	Sinbad		
Red and white	Triumph Theora	Triumph		
Red and white	Temptress 1st	Sir James		
Red and white	Valetta 3d	Sir Oliver		
	HERDS—HOLSTEINS, OR HOLDERNESS.			
	Herd of Thoroughbred Holstein or Holderness Cattle, of any age, to consist of one male and four females, owned by one person.			
Black and wh.	Juror (2295)	Empire	H. W. Meek	San Lorenzo.
Black and wh.	Lady Bertha	Burns		
Black and wh.	Aggie Lizzie	De Ruyter		
Black and wh.	Aggie Mollie	Lincoln		
Black and wh.	Rigolette	District Bull of Beemster		

FIRST DEPARTMENT—Continued.

Color.	Name.	Sire.	Owner.	Residence.
Black and wh..	Kurt 2d	Snow Boy	L. Stanford	Vina.
Black and wh..	Ameriquita	Kurt (120)		
Black and wh..	Satinella	Snow Boy		
Black and wh..	Fatina	Snow Boy		
Black and wh..	Bonita	Snow Boy		
	CLASS II—GRADED CATTLE—COWS.			
	Three Years Old and Over.			
Roan	Widow	Red Thorndale	C. Younger	San José.
Roan	Blossom	6th Red Thorndale	P. H. Murphy	Brighton.
Red	Polly	Amos Ladd	R. J. Merkeley	Sacramento.
	Two Years Old.			
Red	Nellie	6th Red Thorndale	R. J. Merkeley	Sacramento.
	One Year Old.			
Black	Nellie	Stanton's Jersey	P. H. Murphy	Brighton.
Red	May Queen	6th Red Thorndale	R. J. Merkeley	Sacramento.
	Heifer Calves.			
Roan	Daisy	Comet	P. H. Murphy	Brighton.
Red	Pet	6th Red Thorndale	R. J. Merkeley	Sacramento.
	CLASS III—SWEEPSTAKES—BULLS.			
	Bull of any Age or Breed.			
Solid	William (Jersey)	Walter Scott	Thos. Ward	Oakland.
Red	Columbus P.—2074—(Devon)	Flytton 7th	A. J. Hutchinson	Los Angeles.
Black	Black Commodore (Aberdeen Angus)	Young Hero (1837)	Paige & Johnston	Los Angeles.
Black	Fred Douglas (Aberdeen Angus)	Earl of Daugh (2061)	Paige & Johnston	Los Angeles.
Red	Forest King (Durham)	7th Red Thorndale	C. Younger	San José.
Red and white	Count Tredegar (Hereford)	Dale Tredegar	Capt. Kohl	San Mateo.

	COWS.			
	Cow of any Age or Breed.			
Black	Miss Fyfe 3d (Aberdeen Angus)	Prince Albert of Baads (1336)	Paige & Johnston	Los Angeles.
Black	Young Favorite 4th (Aberdeen Angus)	Cluny (1283)	Paige & Johnston	Los Angeles.
Red	Jessie Maynard (Durham)	Master Maynard	C. Younger	San José.
Roan	Nevada Belle 2d (Durham)	Nevada	C. Younger	San José.
Red	Gem (Durham)	Crown Prince	M. Wick	Oroville.
Red	Frantic Louan (Durham)	Golden Louan Duke	M. Wick	Oroville.
	BULL AND THREE CALVES.			
	Bull and three of his Calves, under One Year Old.			
Roan	Kirk Levington of Forest Home (Durham)	38th Duke of Oxford	Ed. Younger	San José.
Red	2d Kirk Levington (Durham)	Kirk Levington of Forest Home		
Red	3d Kirk Levington (Durham)	Kirk Levington of Forest Home		
Roan	5th Kirk Levington (Durham)	Kirk Levington of Forest Home		
	FAT CATTLE.			
	Fattest Cow of any Age or Breed.			
Roan	Golden Gate 2d	Thorndale	C. Younger	San José.

FIRST DEPARTMENT—Continued.

SHEEP.

Name.	Owner.	Residence.
CLASS I—FRENCH MERINOS—RAMS.		
Two Years Old and Over.		
Gamester 3d	J. Roberts	Washington Corners.
Pilot	J. Roberts	Washington Corners.
One Year Old and under Two.		
Fernando	J. Roberts	Washington Corners.
Pirate	J. Roberts	Washington Corners.
Lambs.		
Three lambs	J. Roberts	Washington Corners.
EWES.		
Two Years Old and Over.		
Pen of five ewes	J. Roberts	Washington Corners.
One Year Old and under Two.		
Pen of five ewes	J. Roberts	Washington Corners.
Lambs.		
Pen of five lambs	J. Roberts	Washington Corners.
RAM AND LAMBS.		
Gamester 3d and five of his lambs	J. Roberts	Washington Corners.
CLASS II—SPANISH MERINOS—RAMS.		
Two Years Old and Over.		
Vermont	F. Bullard	Woodland.
Paymaster	F. Bullard	Woodland.
One Year Old and under Two.		
Longwool, Jr.	F. Bullard	Woodland.
Silver Horn	F. Bullard	Woodland.
Lambs.		
Three ram lambs	F. Bullard	Woodland.
Three ram lambs	F. Bullard	Woodland.
EWES.		
Two Years Old and Over.		
Pen of five ewes	F. Bullard	Woodland.
One Year Old and under Two.		
Pen of five ewes	F. Bullard	Woodland.
Pen of six ewes	F. Bullard	Woodland.
Lambs.		
Pen of five ewe lambs	F. Bullard	Woodland.
RAM AND LAMBS.		
Vermont and five of his lambs	F. Bullard	Woodland.
CLASS III—COTSWOLD—RAMS.		
Ram of any Age.		
Early Morn	Ed. Younger	San José.

FIRST DEPARTMENT—Continued.

Name.	Owner.	Residence.
EWES.		
Five Ewes of any Age.		
Pen of five ewes	Ed. Younger	San José.
CLASS IV—SOUTHDOWN—RAMS.		
Ram of any Age.		
Sonoma	Geo. Bement	Redwood.
EWES.		
Five Ewes of any Age.		
Pen of five ewes	Geo. Bement	Redwood.
SWEEPSTAKES.		
Ram of any Age or Breed and Five of his Lambs.		
Vermont and five of his lambs (Spanish Merino)	F. Bullard	Woodland.

GOATS.

Name.	Owner.	Residence.
THOROUGHBREDS—BUCKS.		
Two Years Old and Over.		
Towhead	Julius Weyand	Little Stony.
Garfield	Julius Weyand	Little Stony.
Gimlet	Julius Weyand	Little Stony.
Harris	Julius Weyand	Little Stony.
Prince Albert	M. Wick	Oroville.
Blaine	M. Wick	Oroville.
Under Two Years Old.		
Sultan	Julius Weyand	Little Stony.
Butler	Julius Weyand	Little Stony.
Logan	M. Wick	Oroville.
DOES.		
Two Years Old and Over.		
Pen of three does	Julius Weyand	Little Stony.
Under Two Years Old.		
Pen of three does	Julius Weyand	Little Stony.
GRADED GOATS—DOES.		
Two Years Old and Over.		
Pen of three does	Julius Weyand	Little Stony.
Under Two Years Old.		
Pen of three does	Julius Weyand	Little Stony.
HERD OF GOATS.		
Ten of any Age or Breed.		
Herd of ten	Julius Weyand	Little Stony.

FIRST DEPARTMENT—Continued.

SWINE.

Name.	Owner.	Residence.
CLASS I—BERKSHIRE—BOARS.		
Two Years Old and Over.		
Brigadier (4019)	John Rider	Sacramento.
Prince	John Kennedy	Sacramento.
Abraham	San Mateo St'k F'm	San Mateo.
Under Two Years Old.		
Royal Bismarck (11439)	John Rider	Sacramento.
Six Months Old and under One Year.		
Jim Brown	John Rider	Sacramento.
Aleck	San Mateo St'k F'm	San Mateo.
Airlie	San Mateo St'k F'm	San Mateo.
SOWS.		
Breeding Sows.		
Peerless C. (7558)	John Rider	Sacramento.
Hopton Lass 2d	San Mateo St'k F'm	San Mateo.
Six Months Old and under One Year.		
Beauty	San Mateo St'k F'm	San Mateo.
Princess	San Mateo St'k F'm	San Mateo.
Pair of Pigs under Six Months Old.		
One pair—Comet, Lady May	John Rider	Sacramento.
One pair—The Knight, Countess	San Mateo St'k F'm	San Mateo.
One pair—Baron, Duchess	San Mateo St'k F'm	San Mateo.
CLASS II—ESSEX SWINE—BOARS.		
Six Months Old and under One Year.		
Tarbox	Taylor Beach	San José.
SOWS.		
Six Months Old and under One Year.		
Blonde	Taylor Beach	San José.
CLASS III—POLAND-CHINA—BOARS.		
Two Years Old and Over.		
Tom Dallas	J. Melvin	Davis.
Under Two Years Old.		
Frank	M. Wick	Oroville.
Arthur	J. Melvin	Davis.
Six Months Old and under One Year.		
Tom Duke	J. Melvin	Davis.
SOWS.		
Breeding Sows.		
Daisy	J. Melvin	Davis.
Bessy	J. Melvin	Davis.
Pair of Pigs under Six Months Old.		
One pair	J. Melvin	Davis.

FIRST DEPARTMENT—Continued.

Name.	Owner.	Residence.
SWEEPSTAKES—BOARS.		
Boar of any Age or Breed.		
Prince (Berkshire)	John Kennedy	Sacramento.
Abraham (Berkshire)	San Mateo St'k F'm	San Mateo.
Arthur (Poland-China)	J. Melvin	Davis.
Frank (Poland-China)	M. Wick	Oroville.
SOWS.		
Sow of any Age or Breed.		
Peerless C. (7558) (Berkshire)	John Rider	Sacramento.
Hopton Lass 2d (Berkshire)	San Mateo St'k F'm	San Mateo.
PIGS.		
Pen of Six Pigs under Six Months Old.		
Six pigs (Berkshire)	John Rider	Sacramento.
Six pigs (Berkshire)	San Mateo St'k F'm	San Mateo.
FAMILIES.		
All of the same Breed, consisting of one Boar, two Sows, and six Pigs.		
Brigadier (4019) (Berkshire) Rose Hamilton (5692) (Berkshire) Maud Hamilton (5690) (Berkshire) Six pigs (Berkshire)	John Rider	Sacramento.
Abraham (Berkshire) Hopton Lass 2d (Berkshire) Beauty and six pigs	San Mateo St'k F'm	San Mateo.

POULTRY.

Articles.	Exhibitor.	Address.
Chickens.		
Two pairs Light Brahmas, cock and hen	R. G. Head	Napa.
Two pairs Light Brahmas, cock and hen	Thos. Waite	Brighton.
Two pairs Light Brahmas, cockerel and pullet	R. G. Head	Napa.
One pair Light Brahmas, cockerel and pullet	Thos. Waite	Brighton.
One pair Langshans, cock and hen	R. G. Head	Napa.
Two pairs Langshans, cock and hen	Thos. Waite	Brighton.
One pair Langshans, cockerel and pullet	R. G. Head	Napa.
One pair Langshans, cockerel and pullet	Thos. Waite	Brighton.
One pair Buff Cochins, cock and hen	Thos. Waite	Brighton.
One pair Buff Cochins, cockerel and pullet	R. G. Head	Napa.
One pair Buff Cochins, cockerel and pullet	Thos. Waite	Brighton.
Two pairs Plymouth Rocks, cock and hen	R. G. Head	Napa.
Two pairs Plymouth Rocks, cock and hen	Thos. Waite	Brighton.
Two pairs Plymouth Rocks, cockerel and pullet	R. G. Head	Napa.
Two pairs Plymouth Rocks, cockerel and pullet	Thos. Waite	Brighton.
One pair Plymouth Rocks, cockerel and pullet	E. I. Robinson	Sacramento.
One pair Black Leghorns, cock and hen	R. G. Head	Napa.
One pair Black Leghorns, cockerel and pullet	R. G. Head	Napa.
One pair Black Leghorns, cockerel and pullet	Thos. Waite	Brighton.
One pair Brown Leghorns, cock and hen	R. G. Head	Napa.
One pair Brown Leghorns, cock and hen	Thos. Waite	Brighton.
One pair Brown Leghorns, cock and hen	A. L. Nichols	Sacramento.
Two pairs Brown Leghorns, cockerel and pullet	R. G. Head	Napa.
Two pairs Brown Leghorns, cockerel and pullet	Thos. Waite	Brighton.
One pair Brown Leghorns, cockerel and pullet	A. L. Nichols	Sacramento.
Two pairs White Leghorns, cock and hen	R. G. Head	Napa.

FIRST DEPARTMENT—Continued.

Articles.	Exhibitor.	Address.
One pair White Leghorns, cock and hen	Thos. Waite	Brighton.
Two pairs White Leghorns, cockerel and pullet	R. G. Head	Napa.
Two pairs White Leghorns, cockerel and pullet	Thos. Waite	Brighton.
One pair White Leghorns, cockerel and pullet	A. L. Nichols	Sacramento.
One pair Black Spanish, cock and hen	F. S. George	Sacramento.
Two pairs Black Spanish, cock and hen	E. I. Robinson	Sacramento.
One pair Black Spanish, cockerel and pullet	F. S. George	Sacramento.
Two pairs Black Spanish, cockerel and pullet	E. I. Robinson	Sacramento.
One pair Houdans, cock and hen	Thos. Waite	Brighton.
One pair Houdans, cockerel and pullet	R. G. Head	Napa.
One pair Houdans, cockerel and pullet	Thos. Waite	Brighton.
One pair Silver-Spangled Hamburgs, cock and hen	R. G. Head	Napa.
One pair Silver-Spangled Hamburgs, cock and hen	Thos. Waite	Brighton.
One pair Silver-Spangled Hamburgs, cockerel and pullet	R. G. Head	Napa.
One pair Silver-Spangled Hamburgs, cockerel and pullet	Thos. Waite	Brighton.
One pair game Bantams	W. H. Tade	Sacramento.
One pair game chickens	R. G. Head	Napa.
One pair game chickens	A. L. Nichols	Sacramento.
One pair Black Cochins	A. L. Nichols	Sacramento.
One pair Partridge-Cochins fowl	Thos. Waite	Brighton.
One pair Partridge-Cochins chickens, cockerel and pullet	Thos. Waite	Brighton.
One pair Partridge-Cochins fowl	R. G. Head	Napa.
One pair Partridge-Cochins chickens	R. G. Head	Napa.
Turkeys.		
One pair Bronze turkeys	R. G. Head	Napa.
One pair Bronze turkeys	Thos. Waite	Brighton.
One pair wild turkeys	R. G. Head	Napa.
One pair wild turkeys	Thos. Waite	Brighton.
Geese.		
Two pairs Toulouse geese	R. G. Head	Napa.
One pair Toulouse geese	Thos. Waite	Brighton.
Ducks.		
Two pairs Rouan ducks	R. G. Head	Napa.
One pair Rouan ducks	Thos. Waite	Brighton.
Two pairs Pekin ducks	R. G. Head	Napa.
One pair Pekin ducks	Thos. Waite	Brighton.
One pair Pekin ducks	Robert Brown	Brighton.
Three pairs Pekin ducks	J. F. Russell	Sacramento.

SECOND DEPARTMENT.

CLASS I—MACHINERY, ENGINES, ETC.

Exhibitor.	Residence.	Articles.
J. L. Heald	Crockett	Portable steam engine, Cal. manufacture.
R. A. Rose	Sacramento	Iron turning lathe, Cal. manufacture.
Baker & Hamilton	Sacramento	Portable steam engine, Cal. manufacture.
B. Jackson	San Francisco	Best engine, automatic cut-off, fifty-horse power, California manufacture.
George Bull & Co.	San Francisco	Best portable engine for all purposes.
J. Hendy Machine Works	San Francisco	Steam engine, California manufacture.
California Fire Apparatus Manufacturing Company	San Francisco	Climax fire extinguisher.
Baker & Hamilton	Sacramento	Best display of machinery from one shop, forty-three pieces, Cal. manufacture.
Baker & Hamilton	Sacramento	Most meritorious exhibition, 116 pieces.
San Francisco Tool Co.	San Francisco	Display of machinery from one shop.
J. Hendy Machine Works	San Francisco	Upright engine and boiler, connected.

CLASS II—AGRICULTURAL MACHINES.

FIRST DIVISION.

Exhibitor.	Residence.	Articles.
W. W. and Mf'g and Car Co.	Oakland	Thrashing machine, Cal. manufacture.
B. F. Smith & Co.	Sacramento	Best cider mill and press.
B. F. Smith & Co.	Sacramento	Best horse hay rake.
B. F. Smith & Co.	Sacramento	Best hay and straw cutter.
R. A. Rose	Sacramento	Best well auger.
Baker & Hamilton	Sacramento	Best display of agricultural machinery from one house, Cal. manufacture.
Baker & Hamilton	Sacramento	Best thrasher, Pitts.
Baker & Hamilton	Sacramento	Best cider mill.
Baker & Hamilton	Sacramento	Best horse hay rake, Tiger.
Baker & Hamilton	Sacramento	Best hay and straw cutter, Baldwin.
Baker & Hamilton	Sacramento	Best power corn sheller, St. Louis.
Baker & Hamilton	Sacramento	Best lawn mower, Easy.
Baker & Hamilton	Sacramento	Best hay press, Benicia.
J. F. Hill	Sacramento	Miller's patent lightning hay press.
B. Jackson	San Francisco	Best horse hay rake and buck, combined.
B. Jackson	San Francisco	Best display of machinery by one house, California manufacture.
Holman, Stanton & Co.	Sacramento	Best cider mill and press.
Holman, Stanton & Co.	Sacramento	Best horse hay rake.
Holman, Stanton & Co.	Sacramento	Best hay and straw cutter.
Holman, Stanton & Co.	Sacramento	Best power corn sheller.
Holman, Stanton & Co.	Sacramento	Best hand corn sheller.
Holman, Stanton & Co.	Sacramento	Best lawn mower.
Holman, Stanton & Co.	Sacramento	Best post hole digger.
Holman, Stanton & Co.	Sacramento	Best well auger.
Holman, Stanton & Co.	Sacramento	Best sweep horse and pump, Cal. manufac.
Heilbron & Co.	Sacramento	Best cider mill and press.
Heilbron & Co.	Sacramento	Best horse hay rake.
Heilbron & Co.	Sacramento	Best hay and straw cutter.
Heilbron & Co.	Sacramento	Best hand corn sheller.
Heilbron & Co.	Sacramento	Best lawn mower.
Heilbron & Co.	Sacramento	Best wheat drill.
Holman, Stanton & Co.	Sacramento	Best self-raking reaper.
George G. Wickson & Co.	San Francisco	Best Watts Lightning hay press.
George G. Wickson & Co.	San Francisco	Best hay and straw cutter.
George Bull & Co.	San Francisco	Best display of agricultural machinery by one house.

SECOND DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
George Bull & Co.	San Francisco	Best thrashing machine.
George Bull & Co.	San Francisco	Best hay and straw cutter.
Huntington, Hopkins & Co.	Sacramento	Best lawn mower.
Huntington, Hopkins & Co.	Sacramento	Best gopher trap.
Huntington, Hopkins & Co.	Sacramento	Best lawn sprinkler.
Huntington, Hopkins & Co.	Sacramento	Best post hole auger.
Henry Tyack	San Francisco	Best cider and wine press.
N. Wonderly	Placerville	Best hay press.
George Bull & Co.	San Francisco	Best cross-cut sawing machine, hand or horse power.

CLASS III—AGRICULTURAL MACHINES.

SECOND DIVISION.

Exhibitor.	Residence.	Articles.
Stockton Combined Harvester and Agricultural Works	Stockton	Shippee combined harvester, Cal. manufac.
W. P. Twiggs	East Portland, Or.	Best harrow, Oregon manufacture.
Judson Manufacturing Co.	Oakland	Best mowing machine, Cal. manufacture.
Judson Manufacturing Co.	Oakland	Best harrow, California manufacture.
Judson Manufacturing Co.	Oakland	Best one-horse cultivator, Cal. manufac.
B. F. Smith & Co.	Sacramento	Best wheat drill.
B. F. Smith & Co.	Sacramento	Best grain broadcast sowing machine.
B. F. Smith & Co.	Sacramento	Best self-raking reaping machine.
B. F. Smith & Co.	Sacramento	Best reaping machine.
B. F. Smith & Co.	Sacramento	Best mowing machine.
B. F. Smith & Co.	Sacramento	Best combined reaper and mower machine.
B. F. Smith & Co.	Sacramento	Best self-binding harvester machine.
B. F. Smith & Co.	Sacramento	Best corn planter, horse power.
B. F. Smith & Co.	Sacramento	Best potato digger.
B. F. Smith & Co.	Sacramento	Best harrow.
B. F. Smith & Co.	Sacramento	Best one-horse cultivator.
B. F. Smith & Co.	Sacramento	Best cultivator.
B. F. Smith & Co.	Sacramento	Best double shovel plow.
Baker & Hamilton	Sacramento	Best header, Benicia.
Baker & Hamilton	Sacramento	Best wheat drill.
Baker & Hamilton	Sacramento	Best grain broadcast, Graham.
Baker & Hamilton	Sacramento	Best mower, Buckley.
Baker & Hamilton	Sacramento	Best combined reaper and mower.
Baker & Hamilton	Sacramento	Best display mowing and reaping knives.
Baker & Hamilton	Sacramento	Best corn planter, hand power.
Baker & Hamilton	Sacramento	Best potato planter.
Baker & Hamilton	Sacramento	Best potato digger, Avery.
Baker & Hamilton	Sacramento	Best harrow, Benicia.
Baker & Hamilton	Sacrrmento	Best one-horse cultivator.
Baker & Hamilton	Sacramento	Best cultivator.
Baker & Hamilton	Sacramento	Best horse hoe.
Baker & Hamilton	Sacramento	Best farm feed mill, Benicia.
John F. Friggens	Woodland	Best field roller and crusher.
Shippee Harvesting Works	Stockton	Shippee harvester and thrasher combined.
Shippee Harvesting Works	Stockton	Powell harvester and thrasher combined.
John D. Winters	Davisville	Derrick for stacking grain.
John D. Winters	Davisville	Net for header wagon.
John D. Winters	Davisville	Best harrow.
B. Jackson	San Francisco	Best derrick rig for thrashing.
B. Jackson	San Francisco	Best self-feeder for thrashing machine, including elevator and spreader.
B. Jackson	San Francisco	Best derrick and power.
B. Jackson	San Francisco	Best fork hoist comb., including horse fork.
B. Jackson	San Francisco	Best net for header wagon and stacking, with nets.

SECOND DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
B. Jackson	San Francisco	Best hay pitching, loading, and stacker machine.
B. Jackson	San Francisco	Best light weight horse fork.
K. W. Jones	Lemoore	Best general freight derrick.
K. W. Jones	Lemoore	Best model land roller.
K. W. Jones	Lemoore	Best full size land roller.
N. McLean	Watsonville	Best orchard and field cultivator.
A. W. Lockhart	Stockton	Best feeder and elevator for thrashing machine.
Holman, Stanton & Co.	Sacramento	Best wheat drill.
Holman, Stanton & Co.	Sacramento	Best wheat drill and harrow combined.
Holman, Stanton & Co.	Sacramento	Best broadcast sowing machine.
Holman, Stanton & Co.	Sacramento	Best mowing machine.
Holman, Stanton & Co.	Sacramento	Best self-binding harvester.
Holman, Stanton & Co.	Sacramento	Best horse-power corn planter.
Holman, Stanton & Co.	Sacramento	Best potato digger.
Holman, Stanton & Co.	Sacramento	Best harrow.
Holman, Stanton & Co.	Sacramento	Best one-horse cultivator.
Holman, Stanton & Co.	Sacramento	Best cultivator.
Holman, Stanton & Co.	Sacramento	Best horse hoe.
Holman, Stanton & Co.	Sacramento	Best double shovel plow.
Heilbron & Bro.	Sacramento	Best wheat drill.
Heilbron & Bro.	Sacramento	Best self-rake reaping machine.
Heilbron & Bro.	Sacramento	Best reaping machine.
Heilbron & Bro.	Sacramento	Best combined reaper and mower.
Heilbron & Bro.	Sacramento	Best self-binding harvester.
Heilbron & Bro.	Sacramento	Best harrow.
Heilbron & Bro.	Sacramento	Best one-horse cultivator.
Heilbron & Bro.	Sacramento	Best one-horse hoe.
Heilbron & Bro.	Sacramento	Best disk harrow.
George G. Wickson & Co.	San Francisco	Best one-horse cultivator.
George G. Wickson & Co.	San Francisco	Best harrow.
George Bull & Co.	San Francisco	Best wheat drill.
George Bull & Co.	San Francisco	Best broadcast seeder and cultivator.
George Bull & Co.	San Francisco	Best mowing machine.
George Bull & Co.	San Francisco	Best self-binding harvester.
George Bull & Co.	San Francisco	Best harrow and pulverizer.
George Bull & Co.	San Francisco	Best one-horse cultivator.
George Bull & Co.	San Francisco	Best double shovel plow.
George Bull & Co.	San Francisco	Best power corn planter.
George Bull & Co.	San Francisco	Best hand corn planter.
Wm. Gutenburger	Sacramento	Best field roller and crusher.
Hawley Bro. & Co.	San Francisco	Best riding cultivator.
Hawley Bro. & Co.	San Francisco	Best walking cultivator.

CLASS IV—AGRICULTURAL MACHINES.

THIRD DIVISION.

Exhibitor.	Residence.	Articles.
J. L. Heald	Crockett	Barley crusher.
John Klees & Co.	Sacramento	Best California reimproved Cutts grain separator and fanning mill.
W. G. Williams	Sacramento	Best Buff. plat. scales for all purposes.
B. N. Bugbey	Sacramento	Bruce's patent farm gate.
B. N. Bugbey	Sacramento	Bugbey & Weible's patent axle.
Curtis Wilson	Solano	Improved farm gate.
M. V. Ensley	San José	Monarch beehive.
T. M. Lash & Co.	Sacramento	Common Sense farm gate.
Joseph Wagner & Co.	San Francisco	Farm feed mill.
Joseph Wagner & Co.	San Francisco	Grain cleaning attachment.
B. F. Smith & Co.	Sacramento	Baker's patent windmill.
Holman, Stanton & Co.	Sacramento	Pioneer farm feed mill.

SECOND DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
Holman, Stanton & Co.	Sacramento	Fanning mill.
Holman, Stanton & Co.	Sacramento	Windmill.
Heilbron & Bro.	Sacramento	Best fanning mill.
George Bull & Co.	San Francisco	Best fanning mill.
George Bull & Co.	San Francisco	Best platform scales.
Root & Neilson	Sacramento	Best imp. grain separator for thrashing.
J. Blackwell	San José	Best Centennial windmill.
Huntington, Hopkins & Co.	Sacramento	Best scale.
Baker & Hamilton	Sacramento	Best farm feed mill.

CLASS V—TOOLS AND HOUSEHOLD IMPLEMENTS.

Exhibitor.	Residence.	Articles.
J. L. Heald	Crockett	Best irrigation and drainage pump, California manufacture.
James Linforth	San Francisco	Best fruit drier.
R. A. Rose	Sacramento	Best apparatus for raising water for irrigating purposes, California manufacture.
R. A. Rose	Sacramento	Apparatus for raising water for irrigation purposes, California manufacture.
Baker & Hamilton	Sacramento	Best display of harvesting tools.
Baker & Hamilton	Sacramento	Best farm road scraper.
Baker & Hamilton	Sacramento	Best garden seed drill.
Baker & Hamilton	Sacramento	Best clothes wringer.
Baker & Hamilton	Sacramento	Best clothes mangle.
M. D. Reed & Co.	San Francisco	Best apparatus for raising water for any purpose.
M. D. Reed & Co.	San Francisco	Best force pump.
T. M. Lash & Co.	Sacramento	Fruit gatherer.
John D. Winters	Davisville	Golden Gate washing machine.
John D. Winters	Davisville	Jersey Queen churn.
B. Jackson	San Francisco	Best centrifugal pump apparatus for raising water for irrigating and drainage.
G. M. Pursell & Co.	San Francisco	California washing machine.
G. M. Pursell & Co.	San Francisco	Domestic clothes wringer.
G. M. Pursell & Co.	San Francisco	Adams' clothes wringer.
Holman, Stanton & Co.	Sacramento	Farm road scraper.
Holman, Stanton & Co.	Sacramento	Well pump.
Billingsley & Co.	Sacramento	Best churn.
Heilbron & Bro.	Sacramento	Best display haying and harvesting tools.
John M. Miles	Butte City	Best apparatus for all purposes.
George G. Wickson & Co.	San Francisco	Best churn.
George G. Wickson & Co.	San Francisco	Best butter worker.
George G. Wickson & Co.	San Francisco	Best cream and milk separator.
E. W. Melvin	Sacramento	Best washing machine, New Becker.
E. W. Melvin	Sacramento	Best washtub bench, step ladder, and ironing-board table, combined.
E. W. Melvin	Sacramento	Best clothes wringer.
E. W. Melvin	Sacramento	Best churn.
J. Hendy Machine Works	San Francisco	Best well or irrigating pump.
Huntington, Hopkins & Co.	Sacramento	Vegetable cutter.
Huntington, Hopkins & Co.	Sacramento	Cabbage cutter.
Huntington, Hopkins & Co.	Sacramento	Sausage meat cutter and stuffer.
Huntington, Hopkins & Co.	Sacramento	Clothes wringer.
Huntington, Hopkins & Co.	Sacramento	Best display haying and harvesting tools.
Thomson & Evans	San Francisco	Apparatus for raising water for mining or irrigating.
M. Metzger	San Francisco	The Queen washing machine.
M. Metzger	San Francisco	Water wheel for running sewing machines, etc.
San Francisco Tool Co.	San Francisco	Best apparatus for raising water for irrigating or mining purposes.
Billingsley & Co.	Sacramento	Washing machine.

SECOND DEPARTMENT—Continued.

CLASS VI—PLOWS.

Exhibitor.	Residence.	Articles.
B. F. Smith & Co.	Sacramento	Best gang plow.
B. F. Smith & Co.	Sacramento	Best sulky plow.
B. F. Smith & Co.	Sacramento	Best stubble plow.
B. F. Smith & Co.	Sacramento	Best sod plow.
B. F. Smith & Co.	Sacramento	Best steel plow.
B. F. Smith & Co.	Sacramento	Best cast-iron plow.
B. F. Smith & Co.	Sacramento	Best subsoil plow.
B. F. Smith & Co.	Sacramento	Best sidehill plow.
B. F. Smith & Co.	Sacramento	Best one-horse plow.
B. F. Smith & Co.	Sacramento	Best chilled plow.
B. F. Smith & Co.	Sacramento	Best plow for all purposes.
Baker & Hamilton	Sacramento	Best gang plow, Eureka.
Baker & Hamilton	Sacramento	Best steel plow, Moline.
Baker & Hamilton	Sacramento	Best subsoil plow, Benicia.
Baker & Hamilton	Sacramento	Best cast-iron plow.
Baker & Hamilton	Sacramento	Best sidehill plow, Rover.
Baker & Hamilton	Sacramento	Best one-horse plow, Moline.
Baker & Hamilton	Sacramento	Best chilled plow, Gall.
Baker & Hamilton	Sacramento	Best plow for all purposes.
Oliver Chilled Plow Works	San Francisco	Best gang plow.
Oliver Chilled Plow Works	San Francisco	Best sulky plow.
Oliver Chilled Plow Works	San Francisco	Best stubble plow.
Oliver Chilled Plow Works	San Francisco	Best sod plow.
Oliver Chilled Plow Works	San Francisco	Best one-horse plow.
Oliver Chilled Plow Works	San Francisco	Best chilled plow.
Oliver Chilled Plow Works	San Francisco	Best plow for all purposes.
Holman, Stanton & Co.	Sacramento	Best gang plow.
Holman, Stanton & Co.	Sacramento	Best sulky plow.
Holman, Stanton & Co.	Sacramento	Best stubble plow.
Holman, Stanton & Co.	Sacramento	Best sod plow.
Holman, Stanton & Co.	Sacramento	Best steel plow.
Holman, Stanton & Co.	Sacramento	Best sidehill plow.
Holman, Stanton & Co.	Sacramento	Best one-horse plow.
Holman, Stanton & Co.	Sacramento	Dynamometer.
Holman, Stanton & Co.	Sacramento	Chilled plow.
Holman, Stanton & Co.	Sacramento	Best plow for all purposes.
Heilbron & Bro.	Sacramento	Best gang plow.
Heilbron & Bro.	Sacramento	Best sulky plow.
Heilbron & Bro.	Sacramento	Best stubble plow.
Heilbron & &ro.	Sacramento	Best sod plow.
Heilbron & Bro.	Sacramento	Best steel plow.
Heilbron & Bro.	Sacramento	Best cast-iron plow.
Heilbron & Bro.	Sacramento	Best sidehill plow.
Heilbron & Bro.	Sacramento	Best one-horse plow.
Heilbron & Bro.	Sacramento	Best chilled plow.
Heilbron & Bro.	Sacramento	Best plow for all purposes.
J. A. Bilz	Pleasanton	Best orchard and vineyard plow.
George Bull & Co.	San Francisco	Best gang plow.
George Bull & Co.	San Francisco	Best sulky plow.
George Bull & Co.	San Francisco	Best stubble plow.
George Bull & Co.	San Francisco	Best sod plow.
George Bull & Co.	San Francisco	Best sidehill plow.
George Bull & Co.	San Francisco	Best one-horse plow.
George Bull & Co.	San Francisco	Best chilled plow.
George Bull & Co.	San Francisco	Best plow for all purposes.
Wm. L. Overhiser	Stockton	Best vineyard and orchard plow.
T. L. Grigsby	Napa	Best vineyard and orchard or plow for all purposes.
Baker & Hamilton	Sacramento	Best stubble plow.
Baker & Hamilton	Sacramento	Best sulky plow.
H. G. Knapp	San Francisco	Best steel sidehill plow.
H. G. Knapp	San Francisco	Best steel sidehill plow.
Hawley Bro. & Co.	San Francisco	Best stubble plow.
Hawley Bro. & Co.	San Francisco	Best sulky plow.
A. Fitch	Santa Cruz	Santa Cruz reversable plow, level or sidehill.

SECOND DEPARTMENT—Continued.

CLASS VII—VEHICLES.

Exhibitor.	Residence.	Articles.
B. F. Smith & Co.	Sacramento	Best farm wagon for all purposes, wood or iron.
B. F. Smith & Co.	Sacramento	Best pleasure cart.
B. F. Smith & Co.	Sacramento	Best business wagon.
B. F. Smith & Co.	Sacramento	Best two-seated open wagon.
Baker & Hamilton	Sacramento	Best open two-seated wagon, Benicia.
Baker & Hamilton	Sacramento	Best business wagon.
Baker & Hamilton	Sacramento	Best farm wagon, wood axle or steel skein.
Baker & Hamilton	Sacramento	Best pleasure cart, Benicia.
Studebaker Bros.	Sacramento	Best family carriage.
Studebaker Bros.	Sacramento	Best top buggy.
Studebaker Bros.	Sacramento	Best open buggy.
Studebaker Bros.	Sacramento	Best two-seated open wagon.
Studebaker Bros.	Sacramento	Best trotting wagon.
Studebaker Bros.	Sacramento	Best pleasure cart.
Studebaker Bros.	Sacramento	Best track sulky.
Studebaker Bros.	Sacramento	Best lady's phaeton.
M. J. McCue & Co.	San Francisco	Best landau, ironed.
M. J. McCue & Co.	San Francisco	Best coupélet.
M. J. McCue & Co.	San Francisco	Best top family carriage.
M. J. McCue & Co.	San Francisco	Best top family cabriolet carriage.
M. J. McCue & Co.	San Francisco	Best top end-spring buggy.
M. J. McCue & Co.	San Francisco	Best two top side-bar buggies.
M. J. McCue & Co.	San Francisco	One open side-bar buggy.
M. J. McCue & Co.	San Francisco	One trotting wagon.
M. J. McCue & Co.	San Francisco	One two-seated open wagon.
J. F. Hill	Sacramento	Family carriage.
J. F. Hill	Sacramento	Top buggy.
J. F. Hill	Sacramento	Open buggy.
J. F. Hill	Sacramento	Two-seated open wagon.
J. F. Hill	Sacramento	Best trotting wagon.
J. F. Hill	Sacramento	Best spring market wagon.
J. F. Hill	Sacramento	Best pleasure cart.
J. F. Hill	Sacramento	Best breaking cart.
J. F. Hill	Sacramento	Best lady's phaeton.
J. F. Hill	Sacramento	Best business wagon.
Nielsen Bro.	Sacramento	Best lady's phaeton.
Nielsen Bro.	Sacramento	Best doctor's phaeton.
Nielsen Bro.	Sacramento	Best light trotting wagon.
Nielsen Bro.	Sacramento	Best top buggy.
Nielsen Bro.	Sacramento	Best end-spring buggy.
Nielsen Bro.	Sacramento	Best Windsor buggy.
Nielsen Bro.	Sacramento	Best side-bar buggy.
Nielsen Bro.	Sacramento	Best Dexter Queen buggy.
R. T. Kelly	Tres Pinos	Best improved buckboard and new model running gear.
Wm. E. Shaw	San Francisco	Best open village cart.
Wm. E. Shaw	San Francisco	Best open buggy.
A. Meister	Sacramento	Best family carriage.
A. Meister	Sacramento	Best top buggy.
A. Meister	Sacramento	Best open buggy.
A. Meister	Sacramento	Best two-seated open buggy.
A. Meister	Sacramento	Best lady's phaeton.
A. Meister	Sacramento	Best business wagon.
A. Meister	Sacramento	Best doctor's phaeton.
Heilbron & Bro.	Sacramento	Best top buggy.
Heilbron & Bro.	Sacramento	Best open buggy.
Heilbron & Bro.	Sacramento	Best two-seated open wagon.
Heilbron & Bro.	Sacramento	Best farm wagon for all purposes.
Heilbron & Bro.	Sacramento	Best spring market wagon.
Heilbron & Bro.	Sacramento	Best pleasure cart.
J. A. Bilz	Pleasanton	Best doctor's top cart.
J. A. Bilz	Pleasanton	Best doctor's single cart.
J. A. Bilz	Pleasanton	Best champion training cart.
J. A. Bilz	Pleasanton	Best light top cart.

SECOND DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
J. A. Bilz	Pleasanton	Best three-quarter cart.
J. A. Bilz	Pleasanton	Best two-spring cart.
J. A. Bilz	Pleasanton	Best spring wagon.
Palm Bros.	Sacramento	Best open two-seated wagon.
Palm Bros.	Sacramento	Best business buggy.
Palm Bros.	Sacramento	Best end-spring open buggy.
Palm Bros.	Sacramento	Best side-bar open buggy.
Palm Bros.	Sacramento	Spring market wagon.
Palm Bros.	Sacramento	Street goods wagon.
Palm Bros.	Sacramento	Lady's phaeton.
Palm Bros.	Sacramento	Pleasure cart.
Palm Bros.	Sacramento	Top buggy.
George Bull & Co.	San Francisco	Farm wagon for all purposes.
Frank Knox	Woodland	Two Knox patent carts.
Frank Knox	Woodland	Open buggy.
Hawley Bro. & Co.	San Francisco	Schuttler wagon.
J. F. Hill	Sacramento	Best exhibit of wagon and carriage wheels.
J. F. Hill	Sacramento	Best exhibit of California grown timber.

MISCELLANEOUS.

Exhibitor.	Residence.	Articles.
C. Sanborn	San Francisco	One chain pulley, Cal. manufacture.
J. L. Heald	Crockett	Hydraulic wine press, Cal. manufacture.
J. L. Heald	Crockett	Power grape crusher, stemmer, and elevator, Cal. manufacture.
J. L. Heald	Crockett	Hand grape crusher, stemmer, and elevator, Cal. manufacture.
J. L. Heald	Crockett	Steam engine and governor, Cal. manufac.
J. L. Heald	Crockett	Stop cock for boiler, Cal. manufacture.
J. L. Heald	Crockett	Wine car, Cal. manufacture.
Judson Manufacturing Co.	Oakland	Orchard harrow, Cal. manufacture.
R. A. Rose	Sacramento	Steam well boring machine, Cal. manufac.
J. B. Newland	Sacramento	Best patent wagon jack.
California Wire Works	San Francisco	Barb wire machine.
George Cumming & Co.	San Francisco	Best portable forges.
George Cumming & Co.	San Francisco	Best hand blowers.
Cavanaugh & Fredricks	San Francisco	Best two steam pumps.
Cavanaugh & Fredricks	San Francisco	Best oil pump.
Cavanaugh & Fredricks	San Francisco	Best corundum wheels.
Cavanaugh & Fredricks	San Francisco	Best shafting oilers.
T. M. Lash & Co.	Sacramento	Hartford's patent adjustable double and single clip clippers.
T. P. Taylor	Sacramento	Rocking grate for steam boiler furnaces.
Souney Bros.	Sacramento	Boss cylinder teeth.
J. F. Davis & Son	Sacramento	McDonnell's odometer.
George Goodman	San Francisco	Ten pieces of artificial stone work.
B. Jackson	San Francisco	Best unloader for header wagon.
Holman, Stanton & Co.	Sacramento	Best hand garden plow.
Holman, Stanton & Co.	Sacramento	Best portable blacksmiths forge.
Holman, Stanton & Co.	Sacramento	Best blacksmith blower.
Holman, Stanton & Co.	Sacramento	Best doubletree and singletree.
Holman, Stanton & Co.	Sacramento	Best wagon jack.
S. A. Shields	Jackson	Best Monarch lightning sawing machine.
Truman, Isham & Co.	San Francisco	Best header truck gear.
George G. Wickson & Co.	San Francisco	Best singletree.
J. R. McConnell	Sacramento	Best riding attachment for plow.
G. M. Pursell & Co.	San Francisco	Best carpet sweeper.
G. M. Pursell & Co.	San Francisco	Best fluting machine.
San Francisco Tool Co.	San Francisco	One 24 and 36-inch gap engine lathe.
San Francisco Tool Co.	San Francisco	One 17-inch patent engine lathe.
San Francisco Tool Co.	San Francisco	One 40-inch patent drilling machine.
San Francisco Tool Co.	San Francisco	One 12-inch turbine pump.

SECOND DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
San Francisco Tool Co.	San Francisco	One 8-inch turbine pump.
San Francisco Tool Co.	San Francisco	One 6-inch turbine pump.
San Francisco Tool Co.	San Francisco	One 4-inch turbine pump.
San Francisco Tool Co.	San Francisco	One four double turbine pump.
San Francisco Tool Co.	San Francisco	Four pivoted pedestal bearings.
San Francisco Tool Co.	San Francisco	Two improved shaft couplings.
San Francisco Tool Co.	San Francisco	Four hydraulic elbows.
San Francisco Tool Co.	San Francisco	Assortment of irrigating water gates.
San Francisco Tool Co.	San Francisco	One standard measuring machine, to $\frac{1}{10000}$ of an inch.
San Francisco Tool Co.	San Francisco	Six standard gauge clippers.
San Francisco Tool Co.	San Francisco	Two adjustable seamers for metal work.
San Francisco Tool Co.	San Francisco	Four samples of mechanical drawings.
San Francisco Tool Co.	San Francisco	One air primer for pump.
San Francisco Tool Co.	San Francisco	One steam primer.
Root, Neilson & Co.	Sacramento	Best slotting machine.
J. Hendy Machine Works	San Francisco	Portable engine and boiler, combined.
Ira Bishop	San Francisco	Best sack elevator.
Clot & Meese	San Francisco	Power transmitting machinery.
G. G. Wickson & Co.	San Francisco	Orchard and vineyard singletree.
G. G. Wickson & Co.	San Francisco	Display of dairy machinery.
G. G. Wickson & Co.	San Francisco	Display of Imperial egg food.
G. G. Wickson & Co.	San Francisco	Milk strainer.
G. G. Wickson & Co.	San Francisco	Milk cans.
California Fire Apparatus Manufacturing Company	San Francisco	Climax fruit tree and vine sprayer.
California Fire Apparatus Manufacturing Company	San Francisco	Hose cart.
California Fire Apparatus Manufacturing Company	San Francisco	Two spray pumps.
E. W. Melvin	Sacramento	Cash box and register.
A. F. Spawn	San Francisco	Water cooler and refrigerator, comb.
Huntington, Hopkins & Co.	Sacramento	Stove polish.
J. S. Tibbals	San Francisco	Best sewer trap.
G. G. Wickson & Co.	San Francisco	Butter print.
A. W. Lockhart	Stockton	Elevator for thrashing machine.
James Linforth	San Francisco	The Victor sorghum or sugar mill, manufactured by the Blymer Mfg Company.

THIRD DEPARTMENT.

CLASS I—TEXTILE FABRICS.

Exhibitor.	Residence.	Articles.
Ziemer Bros.	Sacramento	Display of fancy goods.
C. S. Houghton	Sacramento	Display of fancy goods.
Weinstock & Lubin	Sacramento	Display of drygoods.
Weinstock & Lubin	Sacramento	Display of fancy goods.
Charles Peake & Co.	San Francisco	Turkish rug.
Mrs. Purrington	Brighton	Samples of California wool. One fleece of Spanish Merino; weight, 19 pounds; six months' growth. One grade of Spanish Merino and Southdown. Other samples, same cross.
S. Lipman & Co.	Sacramento	Display of drygoods.
S. Lipman & Co.	Sacramento	Display of fancy goods.
J. F. Slater	Sacramento	Silk hat.

THIRD DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
J. F. Slater	Sacramento	Stiff hat.
J. F. Slater	Sacramento	Soft hat.
J. F. Slater	Sacramento	Display of hats and caps.
Locke & Lavenson	Sacramento	Fifteen yards wool carpet.
Locke & Lavenson	Sacramento	Turkish rug.
M. H. Ober & Co.	San Francisco	Exhibition of corsets, waists, and shoulder braces.
Locke & Lavenson	Sacramento	Double carpet coverlet.
J. B. Hoyt	Suisun	Sample of California wool: Shropshire and crosses with Spanish Merino—first, second, and third crosses.
Frank Bullard	Woodland	Sample of California wool, full bred Spanish Merino.
E. M. Woolsey & Sons	Fulton	Sample of California wool, full bred Spanish Merino.
J. H. Glide	Sacramento	Sample of California wool, full bred Spanish Merino.
William R. Gallup	Sacramento	Sample of Cal. wool, good clothing wool.
California Wool Company	San Francisco	Sample of California wool, scoured wools.
Whitney & Webster	San Francisco	Sample of California wool, scoured wools.
L. Walker & Son	San Francisco	Sample of Cal. wool, cross bred combing.
L. Walker & Son	San Francisco	Sample of Cal. wool, full bred Leicester.
Julius Weyand	Little Stony	Samples of full bred Mohair.
Crandell & Ross	San Francisco	Display of woolen goods by one factory.

CLASS II—NEEDLE, SHELL, AND WAX WORK.

Exhibitor.	Residence.	Articles.
Mrs. M. Lemen	Brighton	Display of fancy articles.
Mrs. M. Lemen	Brighton	Ornamental needlework.
Mrs. M. Lemen	Brighton	Silk embroidery.
Mrs. M. Lemen	Brighton	Set of crochet pillow and sheet shams.
Mrs. M. Lemen	Brighton	Crochet bedspread.
Mrs. M. Lemen	Brighton	Outline embroidery.
Mrs. H. Weinreich	Sacramento	Silk crazy quilt.
Mrs. H. Weinreich	Sacramento	Carriage afghan.
Miss Josie Wittenbrock	Sacramento	Crochet shawl.
Miss Josie Wittenbrock	Sacramento	Arraseno embroidery.
Miss Josie Wittenbrock	Sacramento	Lambrequin.
Miss Josie Wittenbrock	Sacramento	Fine lace work.
Miss Josie Wittenbrock	Sacramento	Fire screen, painted.
Miss Josie Wittenbrock	Sacramento	Wall panels (painted), four.
Miss Josie Wittenbrock	Sacramento	Handkerchief case of ribbon.
Miss Josie Wittenbrock	Sacramento	Crochet purse of silk and beads.
Miss Josie Wittenbrock	Sacramento	Two slipper pocket pincushions.
Miss Josie Wittenbrock	Sacramento	Net cushion, crochet work.
Miss Lillie B. Cutter	Sacramento	One pincushion in chenille.
Miss Lillie B. Cutter	Sacramento	One embroidered sofa cushion, in Kensington and raised.
Miss Lillie B. Cutter	Sacramento	Table scarf in Kensington and raised work.
Miss Lillie B. Cutter	Sacramento	One table scarf in Kensington.
Miss Lillie B. Cutter	Sacramento	Two tidies in Kensington.
Mrs. L. G. Stever	Sacramento	One carriage afghan.
Mrs. L. G. Stever	Sacramento	One child's afghan.
Mrs. L. G. Stever	Sacramento	One patchwork quilt.
Mrs. L. G. Stever	Sacramento	Embroidered sheet and pillow shams.
Mrs. L. G. Stever	Sacramento	One embroidered ottoman.
Mrs. L. G. Stever	Sacramento	Collection of bead work.
Mrs. L. G. Stever	Sacramento	Applique work, tablespread.
Mrs. L. G. Stever	Sacramento	Two pieces of outline work.
Mrs. L. G. Stever	Sacramento	Two tidies, embroidered.
Mrs. L. G. Stever	Sacramento	Embroidered chair cover.
Mrs. L. G. Stever	Sacramento	Collection of fancy articles.

THIRD DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
Mrs. J. E. Fulton	Sacramento	Silk embroidered crazy quilt.
Miss A. Zoeler	Sacramento	Hair wreath of family hair.
Miss A. Zoeler	Sacramento	Cardboard cross.
Miss Josie Wittenbrock	Sacramento	Watch pocket.
Miss Josie Wittenbrock	Sacramento	Four tidies, etching in satin.
Miss Josie Wittenbrock	Sacramento	Collection of fancy articles.
A. J. Pommer	Sacramento	Display of fancy goods manufactured on Domestic sewing machine.
Mrs. P. G. Martin	Galt	Piano cover, Kensington and Arraseno.
Mrs. P. G. Martin	Galt	Table scarf, Kensington.
Mrs. P. G. Martin	Galt	Banner, Kensington.
Miss Hattie Sims	Sacramento	Set darned netting sheet and pillow shams.
Mrs. M. D. Moore	Sacramento	Silk quilt.
Miss Florence Avery	Sacramento	One lambrequin.
Miss Sarah Wolfe	Little Stony	Crochet bedspread.
Sarah Hobbs	Sacramento	One silk crazy quilt.
Sarah Hobbs	Sacramento	One crochet bedspread.
Miss Sarah Cohen	Sacramento	Display of crochet tidies.
Miss Sarah Cohen	Sacramento	Crochet bedspread.
Miss Sarah Cohen	Sacramento	Crochet pillow shams.
Ziemer Bros.	Sacramento	Children's clothing, California manufacture.
Ziemer Bros.	Sacramento	Children's embroidered clothes.
Ziemer Bros.	Sacramento	Ladies' and children's muslin underwear.
Mrs. George F. Lyon	Sacramento	Table scarf.
Mrs. George F. Lyon	Sacramento	Silk embroidery.
Mrs. George F. Lyon	Sacramento	Chenille work.
Mrs. George F. Lyon	Sacramento	Darned netting pillow and sheet shams.
Mrs. George F. Lyon	Sacramento	Leaf work in chenille.
Mrs. George F. Fyon	Sacramento	Lambrequin.
Mrs. George F. Lyon	Sacramento	Handsomest toilet set, work of lady.
Mrs. George F. Lyon	Sacramento	Display of porcelain painting.
Mrs. George F. Lyon	Sacramento	Display of fancy articles, by lady.
Mrs. G. W. King	Sacramento	Knit bedspread.
Mrs. W. H. Luther	Sacramento	Silk quilt.
Mrs. N. Olson	Sacramento	Artificial flowers, wool.
Mrs. N. Olson	Sacramento	Fancy leather frame.
Mrs. J. G. Storch	Sacramento	Toilet set, eight pieces.
Mrs. J. G. Storch	Sacramento	Two embroidered silk palettes.
Mrs. William Landerkin	Sacramento	Waxwork statuary, two pieces.
Mrs. William Landerkin	Sacramento	Skeleton leaf work.
Mrs. William Landerkin	Sacramento	Hair-work picture.
Mrs. G. A. Stoddard	Sacramento	One toilet set in water colors.
Mrs. G. A. Stoddard	Sacramento	One sofa cushion in oil.
Mrs. G. A. Stoddard	Sacramento	One table scarf in oil.
Mrs. G. A. Stoddard	Sacramento	One crochet opera cape.
Mrs. A. Schirmer	Sacramento	Display ladies' and children's underwear.
Mrs. A. Schirmer	Sacramento	One set of embroidered pillow shams.
Mrs. A. Schirmer	Sacramento	One fancy embroidered cushion.
Miss Laura M. Tilden	Sacramento	One silk quilt.
Miss Laura M. Tilden	Sacramento	Pillow and sheet shams, darned netting.
Miss Laura M. Tilden	Sacramento	Pillow and sheet shams, outline.
Misses Brothers	Sacramento	Display of millinery.
Misses Brothers	Sacramento	Velvet bonnet.
Misses Brothers	Sacramento	Velvet hat.
Misses Brothers	Sacramento	Silk bonnet.
Misses Brothers	Sacramento	Display of feathers.
Misses Brothers	Sacramento	Variety of artificial flowers.
Mrs. Frank Henley	Sacramento	Crochet bedspread.
Mrr. Sol. Runyon	Courtland	Display of fancy articles, by lady.
Mrs. Sol. Runyon	Courtland	Set of pillow shams, darned netting.
Mrs. Sol. Runyon	Courtland	Knit tidies, of twine.
Mrs. W. P. Michner	San Francisco	Crazy quilt of silk and plush.
Mrs. K. January	Sacramento	Embroidered folding screen.
Mrs. P. DeBernardi	Sacramento	Knitted bedspread.
Mrs. P. DeBernardi	Sacramento	Knitted window curtains.
Mrs. E. M. Wiedemann	Sacramento	Toilet set in chenille, five pieces with mats.
Mrs. E. M. Wiedemann	Sacramento	Work-basket, painted in oil.

THIRD DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
Mrs. E. M. Wiedemann	Sacramento	Toilet set of three pieces, in chenille.
Mrs. E. M. Wiedemann	Sacramento	Chair seat, in Kensington.
Mrs. E. M. Wiedemann	Sacramento	Chenille work, slippers.
Mrs. E. M. Wiedemann	Sacramento	Silk embroidery, skirt and shawl.
Mrs. E. M. Wiedemann	Sacramento	Embroidered dress trimmings.
Mrs. John Donahue	Sacramento	Crochet bedspread.
Mrs. John Donahue	Sacramento	Lambrequin.
Mrs. John Donahue	Sacramento	Two pillow shams, twine.
Mrs. John Donahue	Sacramento	Star quilt.
Mrs. C. Hough	Sacramento	Patchwork quilt.
Mrs. C. Hough	Sacramento	One counterpane.
Mrs. C. Hough	Sacramento	Three woven bedspreds.
Mrs. H. Jones	Sacramento	Silk quilt.
Miss Lottie C. Parish	Dixon	Wreath of flowers made of beeswax.
Miss Lottie C. Parish	Dixon	Artificial flowers of wild geese feathers.
Miss Lottie C. Parish	Dixon	Artificial flowers of worsted.
Miss Lottie C. Parish	Dixon	Silk crazy quilt.
Miss Lottie C. Parish	Dixon	Silk log cabin quilt.
Miss Lottie C. Parish	Dixon	Embroidered sofa cushion.
Miss Lottie C. Parish	Dixon	Lambrequin, macrome.
Floy Bassett	Sacramento	Table scarf, Kensington.
Floy Bassett	Sacramento	One banner, Kensington.
Floy Bassett	Sacramento	One tidy in outline.
Floy Bassett	Sacramento	Two embroidered handkerchiefs.
Floy Bassett	Sacramento	One lace handkerchief.
Mrs. G. A. Stoddard	Sacramento	Ottoman.
Miss Emma Clarke	Sacramento	Lambrequin.
Miss Emma Clarke	Sacramento	Toilet set, two pieces.
Miss Emma Clarke	Sacramento	Silk crazy quilt.
Miss Emma Clarke	Sacramento	Display of Kensington work.
Miss Emma Clarke	Sacramento	Arraseno embroidery, photograph case.
Miss Emma Clarke	Sacramento	Fancy wall pocket in plush.
Miss Emma Clarke	Sacramento	Broom case.
Miss Laura Clarke	Sacramento	Embroidered fire screen.
Miss M. A. Kennedy	Sacramento	Knit bedspread.
Lizzie B. Aiken	Sacramento	Carriage afghan.
Mrs. E. H. Hubbard	San Francisco	Hair wigs, ladies' dress.
Mrs. E. H. Hubbard	San Francisco	Langtry bangs.
Mrs. E. H. Hubbard	San Francisco	Saratoga waves.
Mrs. E. H. Hubbard	San Francisco	Curls, switches, and puffs.
Mrs. E. H. Hubbard	San Francisco	Pompadour bang.
Mrs. F. A. Arnold	San Francisco	Display of Kensington work.
Mrs. F. A. Arnold	San Francisco	Embroidered fire screen.
Mrs. F. A. Arnold	San Francisco	Turkish embroidery.
Mrs. F. A. Arnold	San Francisco	Outline embroidery.
Mrs. F. A. Arnold	San Francisco	Arraseno embroidery.
Mrs. F. A. Arnold	San Francisco	Embroidered lambrequin.
Mrs. F. A. Arnold	San Francisco	Toilet set, two pieces.
Mrs. F. A. Arnold	San Francisco	Porcelain painting.
Mrs. O. N. Skeels	Sacramento	One silk crazy quilt.
Mrs. C. W. Elliott	Sacramento	Embroidered table cover.
Mrs. C. W. Elliott	Sacramenta	Embroidered sofa cover.
Mrs. C. W. Elliott	Secramento	Crazy quilt—silk, velvet, and plush.
Mrs. L. A. Eskridge	Sacramento	Crochet shawl.
Mrs. S. J. Alderman	Grass Valley	Wax flowers.
Miss M. F. Burnett	Santa Clara County	Patchwork quilt.
Mrs. J. P. Odbert	Sacramento	Five silk quilts.
Mrs. J. P. Odbert	Sacramento	One patchwork quilt.
Mrs. J. P. Odbert	Sacramento	One white crochet bedspread.
Mrs. P. H. Murphy	Brighton	Patchwork quilt.
Mrs. P. H. Murphy	Brighton	Velvet quilt.
Mrs. P. H. Murphy	Brighton	Hearth rug.
Mrs. P. H. Murphy	Brighton	Sofa cushion.
Mrs. R. S. Carey	Sacramento	Embroidered chair seat.
Mrs. H. Wachhorst	Sacramento	Wax flowers.
Mrs. H. Wachhorst	Sacramento	Wax Autumn leaves.
Mrs. H. Wachhorst	Sacramento	Wax statuary.

THIRD DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
Mrs. H. Wachhorst	Sacramento	Bead work.
Mrs. H. Wachhorst	Sacramento	Skeleton leaves.
Miss Grace Wachhorst	Sacramento	Wax flowers.
Miss Edith Beach	Monterey	Panel painted quilt, fourteen years old.
Mrs. Thomas Cotter	Sacramento	Child's afghan and pillow.
Miss Mary Perdue	Colusa	Silk crazy quilt.
Weinstock & Lubin	Sacramento	Silk embroidery.
Weinstock & Lubin	Sacramento	Embroidered handkerchief.
Weinstock & Lubin	Sacramento	Best and handsomest costume for lady.
Weinstock & Lubin	Sacramento	Display of millinery.
Weinstock & Lubin	Sacramento	Velvet bonnet.
Weinstock & Lubin	Sacramento	Velvet hat.
Weinstock & Lubin	Sacramento	Artificial flowers.
Weinstock & Lubin	Sacramento	Wax flowers.
Weinstock & Lubin	Sacramento	Waxwork statuary.
Weinstock & Lubin	Sacramento	Outline embroidery.
Weinstock & Lubin	Sacramento	Fine lace work.
Weinstock & Lubin	Sacramento	Display of ornamental needlework.
Weinstock & Lubin	Sacramento	Display of lovelace embroidery.
Charles Peake & Co.	San Francisco	Silk embroidery.
Mrs. L. C. Montfort	Sacramento	Silk quilt.
Mrs. M. A. Stoddard	Lodi	Moss or lichen work.
Mrs. M. A. Stoddard	Lodi	Shell work.
Mrs. J. O. Coleman	Sacramento	Silk patchwork quilt.
Mrs. M. J. Favero	Sacramento	Patchwork quilt.
Miss Ida Watson	Sacramento	Hair flowers.
Mrs. William M. Lyon	Sacramento	One toilet set, nine pieces.
Mrs. William M. Lyon	Sacramento	One toilet set (painted), five pieces.
Mrs. William M. Lyon	Sacramento	One embroidered fire screen in Arraseno.
Mrs. William M. Lyon	Sacramento	One painted table scarf in felt.
Mrs. William M. Lyon	Sacramento	One embroidered table cover.
Mrs. William M. Lyon	Sacramento	One ottoman cover in Arresno.
Mrs. William M. Lyon	Sacramento	One chair seat.
Mrs. William M. Lyon	Sacramento	One painted wall panel.
Mrs. William M. Lyon	Sacramento	One embroidered wall panel.
Mrs. William M. Lyon	Sacramento	One embroidered picture.
Mrs. William M. Lyon	Sacramento	One large fire screen in lustra.
Mrs. William M. Lyon	Sacramento	Three pieces outline embroidery.
Mrs. William M. Lyon	Sacramento	One lambrequin in bronze painting.
Mrs. William M. Lyon	Sacramento	Two bouquets ornamental grasses.
Mrs. William M. Lyon	Sacramento	One fancy painted table.
Mrs. William M. Lyon	Sacramento	Three pieces Kensington painting.
Mrs. William M. Lyon	Sacramento	Wall panel, peacock feathers.
Mrs. William M. Lyon	Sacramento	Kensington chair back.
Mrs. William M. Lyon	Sacramento	One velvet palette, painted.
Mrs. William M. Lyon	Sacramento	One painted screen on velvet, Indian hemp.
Mrs. William M. Lyon	Sacramento	One piece silk embroidery.
Mrs. William M. Lyon	Sacramento	One bouquet skeleton leaves.
Mrs. William M. Lyon	Sacramento	One bouquet wax flowers.
Mrs. William M. Lyon	Sacramento	Sofa cushion.
Mrs. William M. Lyon	Sacramento	Two pieces of fruit in raised embroidery.
Mrs. Elizabeth Olmstead	Sacramento	Silk quilt.
Eliza E. Foley	Sacramento	Silk quilt.
Mrs. J. N. Larkin	Sacramento	Silk quilt, crazy.
Mrs. J. N. Larkin	Sacramento	Three pillow shams (crazy) silk.
M. E. McCormick	San Francisco	Porcelain painting.
M. E. McCormick	San Francisco	Two lambrequins, lustra painting.
M. E. McCormick	San Francisco	Two satin fans, lustra painting.
M. E. McCormick	San Francisco	Two plush table scarfs, lustra painting.
M. E. McCormick	San Francisco	Velvet fire screen, lustra painting.
M. E. McCormick	San Francisco	One silk piece, lustra painting.
Miss Nellie De Valen	San Rafael	Porcelain painting.
Miss Nellie De Valen	San Rafael	Two towels of needlework.
Mrs. W. H. Wright	Sacramento	Hand sewing.
Mrs. W. H. Wright	Sacramento	Applique work.
Mrs. W. H. Wright	Sacramento	Antique guipure lace.
Mrs. W. H. Wright	Sacramento	Table scarf, painting.

THIRD DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
Mrs. G. H. Kerr	Sacramento	Decorative painting.
Mrs. G. H. Kerr	Sacramento	Fancy work.
Mrs. C. S. Robb	Sacramento	Crochet shawl.
Mrs. A. B. Blair	Walsh's Station	Worsted wreath.
Mrs. E. C. Hatch	San Francisco	Porcelain painting.
Mrs. E. C. Hatch	San Francisco	Two silk banners in water colors.
Mrs. E. C. Hatch	San Francisco	One fancy silk bellows in oil.
Mrs. E. C. Hatch	San Francisco	One fancy silk pocket in oil.
Locke & Lavenson	Sacramento	Hearth rug.
Locke & Lavenson	Sacramento	Lambrequin.
Locke & Lavenson	Sacramento	Lace curtains.
Mrs. B. F. Tade	Sacramento	Patchwork quilt.
Mrs. M. A. Crum	Sacramento	Infant's robe, darned net.
Mrs. M. A. Crum	Sacramento	Child's dress, point lace.
Mrs. M. A. Crum	Sacramento	One collar, point lace.
Miss Anna M. Anderson	Suisun	Tidy in ribbon and chenille.
Mrs. W. H. Wright	Sacramento	Embroidered fire screen.
Mrs. W. H. Wright	Sacramento	Child's afghan.
Mrs. W. H. Wright	Sacramento	Wall panel, embroidered.
Mrs. W. H. Wright	Sacramento	Silk quilt.
Miss Haste	San Francisco	Porcelain painting.
Miss Haste	San Francisco	Repoussé.
Mrs. P. D. Gogings	Sacramento	Sofa cushion.
Mrs. P. D. Gogings	Sacramento	Silk embroidered tidy.
Mrs. P. D. Gogings	Sacramento	Kensington work.
Mrs. P. D. Gogings	Sacramento	Applique work on satin.
Mrs. P. D. Gogings	Sacramento	Two embroidered flannel skirts.
Mrs. M. DeCosta	Sacramento	Straw work, ladies necktie.
M. James	San Francisco	Ladies embroidered dress.
M. James	San Francisco	Handsomest dress for lady.
Robert Shields-Aslachsen	San Francisco	Sofa cushion, painted.
Unknown owner		Two fancy satin dinner cards.
Anna M. Anderson	Suisun	Chenille embroidery.
Mrs. G. F. Aaron	Sacramento	Ladies dress hair wigs.
Mrs. G. F. Aaron	Sacramento	Langtry bangs.
Mrs. G. F. Aaron	Sacramento	Saratoga bangs.
Mrs. G. F. Aaron	Sacramento	Pompadour bangs.
Mrs. G. F. Aaron	Sacramento	Curls, switches, and puffs.
Mrs. G. F. Aaron	Sacramento	Wax model for hair work.
S. & G. Gump	San Francisco	Porcelain painting.

JUVENILE DEPARTMENT.

Exhibitor.	Residence.	Articles.
Gertie Smith	Sacramento	Crochet work, three pieces.
Gertie Smith	Sacramento	Cotton embroidery, seven pieces.
May Pinkham	Sacramento	Placque in oil, lilies.
May Pinkham	Sacramento	Barbatine ware in oil.
May Pinkham	Sacramento	Pen and ink drawing.
May Pinkham	Sacramento	Painting on silk.
Charles Pinkham	Sacramento	One landscape in oil.
Charles Pinkham	Sacramento	One placque in oil.
Julia Wiseman	Sacramento	Crochet work.
Julia Wiseman	Sacramento	Needlework, sofa cushion.
Maud A. Schwamb	Sacramento	Two satin cushions, fancy.
Rettie Kennedy	Sacramento	Drawing by a minor, five crayons.
Josie Frost	Sacramento	Drawing by a minor, five crayons.
Josephine Lugg	Newcastle	One patchwork quilt.
Josephine Lugg	Newcastle	Three fancy articles of cardboard.
Georgie E. Darwin	Santa Rosa	Crochet baskets.
Georgie E. Darwin	Santa Rosa	Crochet tidies.
Sophie Comstock	Sacramento	Five crayon and pencil drawings.
S. J. Lubin	Sacramento	Two crayon drawings.
Arthur C. Nahl	San Francisco	Specimen of free hand pencil drawing.

THIRD DEPARTMENT—Continued.

CLASS III—PRINTING, LITHOGRAPHING, ETC.

Exhibitor.	Residence.	Articles.
Robert Philip	Sacramento	Wood engraving.
Robert Philip	Sacramento	Seal engraving.
Robert Philip	Sacramento	Wood engraving, printing from wood cuts.
E. E. Avery	Sacramento	Display of books.
C. S. Houghton	Sacramento	Specimen of book printing.
C. S. Houghton	Sacramento	General display of stationery.
C. S. Houghton	Sacramento	Fine book binding.
C. S. Houghton	Sacramento	Collection of maps, globes, etc.
C. S. Houghton	Sacramento	Display of books and publishing.
Dewey & Co.	San Francisco	Display of books and publishing.
Day & Joy	Sacramento	Specimen of book printing.
Day & Joy	Sacramento	Specimen of poster printing.
Day & Joy	Sacramento	Specimen of printing from wood cuts.

FOURTH DEPARTMENT.

CLASS I—MANUFACTURES OF LEATHER, PAPER, AND RUBBER.

Exhibitor.	Residence.	Articles.
M. Schink	Sacramento	Display of saddletrees.
R. Stocks	Sacramento	Fourteen yards of rag carpet.
A. Longshore	Sacramento	Traveling trunks, valises, and bags.
A. Longshore	Sacramento	Two ladies toilet valises.
A. Longshore	Sacramento	Extra fine (36-inch) ladies Saratoga trunk.
A. Longshore	Sacramento	Extra 36-in. crystallized tin Saratoga trunk.
A. Longshore	Sacramento	One 36-inch leather-cover Saratoga trunk.
A. Longshore	Sacramento	One 40-inch leather-cover Saratoga trunk.
A. Longshore	Sacramento	One 30-inch gents crystallized tin trunk.
A. Longshore	Sacramento	One 32-inch sample trunk.
A. Longshore	Sacramento	One 32-inch octagon trunk.
A. Longshore	Sacramento	One duck sample case.
A. Longshore	Sacramento	One oil duck sample case.
Main & Winchester	San Francisco	Set of double harness.
Main & Winchester	San Francisco	Set of single harness.
Main & Winchester	San Francisco	Mexican saddles.
Main & Winchester	San Francisco	Display of saddles and bridles.
Main & Winchester	San Francisco	Display of saddle trees.
C. H. Krebs & Co.	Sacramento	Display of paper hangings and borders.
Main & Winchester	San Francisco	Display of leather.
A. A. Van Voorhies & Co.	Sacramento	Set of double harness.
A. A. Van Voorhies & Co.	Sacramento	Set of single harness.
A. A. Van Voorhies & Co.	Sacramento	Mexican saddles.
A. A. Van Voorhies & Co.	Sacramento	Display of leather.
A. A. Van Voorhies & Co.	Sacramento	Display of saddles and bridles.
A. A. Van Voorhies & Co.	Sacramento	Display of saddletrees.
A. A. Van Voorhies & Co.	Sacramento	Shoe pegs, lasts, and lasting machines.
James Parsons	Sacramento	Pair of dress boots.
James Parsons	Sacramento	Pair of heavy boots.
James Partons	Sacramento	Gentlemen's dress boots.
James Parsons	Sacramento	Congress gaiters.
James Parsons	Sacramento	Ladies slippers.
James Parsons	Sacramento	Ladies gaiters.
James Parsons	Sacramento	Pair of bootees.
James Parsons	Sacramento	Men's and boys' boots, shoes, and gaiters.
James Parsons	Sacramento	Ladies and girls' boots, shoes, and gaiters.
Thomas Neely & Son	Sacramento	Pair of dress boots.
Thomas Neely & Son	Sacramento	Pair of gentlemen's dress boots.

FOURTH DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
Thomas Neely & Son	Sacramento	Pair of Congress gaiters.
Thomas Neely & Son	Sacramento	Display of men's boots and shoes.
Mrs. M. A. Stoddard	Lodi	Ten yards of rag carpet.
Huntington, Hopkins & Co.	Sacramento	Cordage.
Huntington, Hopkins & Co.	Sacramento	Rubber hose and belting.
Locke & Lavenson	Sacramento	Exhibition of carpets and rugs.
James Parsons	Sacramento	Gentlemen's dress shoes.

CLASS II—WORKED METALS.

Exhibitor.	Residence.	Articles.
W. G. Williams, Agent	Sacramento	Ten fire and burglar proof safes.
California Wire Works	Sacramento	Iron fencing, including post.
California Wire Works	Sacramento	Barb wire fencing.
California Wire Works	Sacramento	Display of wire rope.
California Wire Works	Sacramento	Display of wire goods.
Burns, Church & Hancock	Sacramento	Display of silverware.
Burns, Church & Hancock	Sacramento	Display of lamps.
Thomas Scott	Sacramento	Exhibition of lead pipe.
Thomas Scott	Sacramento	Display of plumber's goods and wares.
Thomas Scott	Sacramento	Display of chandeliers and burners.
Thomas Scott	Sacramento	Display of lamps.
Thomas Scott	Sacramento	Display of copper work.
Thomas Scott	Sacramento	Display of brass work.
Holbrook, Merrill & Stetson	Sacramento	Display of copper work.
Holbrook, Merrill & Stetson	Sacramento	Display of brass work.
Holbrook, Merrill & Stetson	Sacramento	Display of tinware.
Holbrook, Merrill & Stetson	Sacramento	Kitchen utensils of brass and copper.
Holbrook, Merrill & Stetson	Sacramento	Kitchen utensils of tin.
Holbrook, Merrill & Stetson	Sacramento	Milk cans.
William Ready	Sacramento	Horseshoes, hand made.
Phœnix Iron Works	San Francisco	Iron fencing, including post.
W. K. Vanderslice & Co.	San Francisco	Display of silverware.
L. L. Lewis & Co.	Sacramento	Display of copper work.
L. L. Lewis & Co.	Sacramento	Display of brass work.
Main & Winchester	San Francisco	Display of saddler's hardware.
John Doyle	Sacramento	Horseshoes, hand made.
A. A. Van Voorhies & Co.	Sacramento	Display of saddler's hardware.
Holman, Stanton & Co.	Sacramento	Barb wire fencing.
Albrecht & Waters	San Francisco	Sunset range.
Smith & Muir	Sacramento	Display of copper work.
Smith & Muir	Sacramento	Display of brass work.
Smith & Muir	Sacramento	Display of gas chandeliers and burners.
Smith & Muir	Sacramento	Display of lamps.
Smith & Muir	Sacramento	Plumber's goods and wares.
Smith & Muir	Sacramento	California manufactured gas chandeliers.
Shafer & Bronner	Sacramento	Display of copper work.
Shafer & Bronner	Sacramento	Kitchen utensils of brass and copper.
Shafer & Bronner	Sacramento	Display of kitchen utensils of tin.
Shafer & Bronner	Sacramento	Display of tinware.
C. W. Withron	San Francisco	Improved new Chicago coal oil lamp.
Huntington, Hopkins & Co.	Sacramento	Display of copper work.
Huntington, Hopkins & Co.	Sacramento	Display of brass work.
Huntington, Hopkins & Co.	Sacramento	Modern building hardware.
Huntington, Hopkins & Co.	Sacramento	General hardware.
Huntington, Hopkins & Co.	Sacramento	Iron and steel.
Huntington, Hopkins & Co.	Sacramento	Mechanics' tools.
Huntington, Hopkins & Co.	Sacramento	Horseshoes, machine made.
Huntington, Hopkins & Co.	Sacramento	Table cutlery.
Huntington, Hopkins & Co.	Sacramento	Pocket cutlery.
Huntington, Hopkins & Co.	Sacramento	Circular saws.
Huntington, Hopkins & Co.	Sacramento	Files.
Huntington, Hopkins & Co.	Sacramento	Pruning shears.

FOURTH DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
Huntington, Hopkins & Co.	Sacramento	Pruning knives.
Huntington, Hopkins & Co.	Sacramento	Anti-friction metal.
Huntington, Hopkins & Co.	Sacramento	Shot.
A. S. Graff & Co.	San Francisco	Display of lamps.
A. S. Graff & Co.	San Francisco	Billiard table lamp.
A. S. Graff & Co.	San Francisco	Diamond coal oil burner.
M. Metzger	San Francisco	Gas lighter, patented.
D. S. Brown	San Francisco	Duplex burner.
A. S. Graff & Co.	San Francisco	Bar urn of copper.
A. S. Graff & Co.	San Francisco	Bar railing and fixtures.
Guthrie Bros.	Sacramento	Display of copper work.
Guthrie Bros.	Sacramento	Display of brass work.
Guthrie Bros.	Sacramento	Display of plumber's goods and wares.
Guthrie Bros.	Sacramento	Exhibition of lead pipe.

CLASS III—STOVES, CASTINGS, ETC.

Exhibitor.	Residence.	Articles.
Acme Bath Mnfg. Company	Oakland	Bath cabinet.
A. Aitken	Sacramento	Parlor grate.
Thomas Soott	Sacramento	Assortment of bathing tubs.
Thomas Scott	Sacramento	Gas and water pipes.
Holbrook, Merrill & Stetson	Sacramento	Cooking stove for wood.
Holbrook, Merrill & Stetson	Sacramento	Cooking stove for coal.
Holbrook, Merrill & Stetson	Sacramento	Parlor stove.
Holbrook, Merrill & Stetson	Sacramento	Oil stove.
Holbrook, Merrill & Stetson	Sacramento	Cooking range.
Holbrook, Merrill & Stetson	Sacramento	Parlor grate.
Holbrook, Merrill & Stetson	Sacramento	Display of marbleized ironware.
Holbrook, Merrill & Stetson	Sacramento	Display of hollow ironware.
Holbrook, Merrill & Stetson	Sacramento	Farmers' caldrons or steamers.
Holbrook, Merrill & Stetsan	Sacramento	Portable range.
Holbrook, Merrill & Stetson	Sacramento	Laundry stove.
Holbrook, Merrill & Stetson	Sacramento	Assortment of Japanese ware.
L. L. Lewis & Co.	Sacramento	Cooking stove for wood.
L. L. Lewis & Co.	Sacramento	Cooking stove for coal.
L. L. Lewis & Co.	Sacramento	Parlor grate.
L. L. Lewis & Co.	Sacramento	Warming furnace.
L. L. Lewis & Co.	Sacramento	Cooking range.
L. L. Lewis & Co.	Sacramento	Parlor stove.
L. L. Lewis & Co.	Sacramento	Specimen of marbleized iron.
L. L. Lewis & Co.	Sacramento	Oil stove.
L. L. Lewis & Co.	Sacramento	Ornamental iron vases.
L. L. Lewis & Co.	Sacramento	Display of hollow ironware.
L. L. Lewis & Co.	Sacramento	Portable range.
Holman, Stanton & Co.	Sacramento	Farm bell.
Albrecht & Waters	San Francisco	Sunset range.
Shafer & Bronner	Sacramento	Cooking stove for wood.
Shafer & Bronner	Sacramento	Cooking stove for coal.
Shafer & Bronner	Sacramento	Oil stove.
Shafer & Bronner	Sacramento	Cooking range.
Shafer & Bronner	Sacramento	Parlor grate.
Shafer & Bronner	Sacramento	Ornamental statuary.
Shafer & Bronner	Sacramento	Specimen of marbleized iron.
C. W. Withrow	Sacramento	Oil stove and heater.
Guthrie Bros.	Sacramento	Bath tubs.

FOURTH DEPARTMENT—Continued.

CLASS IV—MUSICAL INSTRUMENTS.

Exhibitor.	Residence.	Articles.
Ed. E. Johnson	Sacramento	One violin, California manufacture.
Ed. E. Johnson	Sacramento	One violoncello.
F. R. Girard	Sacramento	General display of musical instruments.
F. R. Girard	Sacramento	Brass and silver wind instruments.
F. R. Girard	Sacramento	Assortment of reed and string instruments.
F. R. Girard	Sacramento	Decker Bros. concert grand piano.
F. R. Girard	Sacramento	Decker Bros. parlor grand piano.
F. R. Girard	Sacramento	Webber square piano.
F. R. Girard	Sacramento	Wheelock square piano.
F. R. Girard	Sacramento	Belaming & Son square grand piano.
F. R. Girard	Sacramento	Fisher upright piano.
F. R. Girard	Sacramento	Wheelock upright piano.
F. R. Girard	Sacramento	Bahr Bros. upright piano.
F. R. Girard	Sacramento	Estey organ.
F. R. Girard	Sacramento	Chase organ.
F. R. Girard	Sacramento	Western cottage organ.
George F. Wells	San Francisco	Automatic musical instruments.
John F. Cooper	Sacramento	General display of musical instruments by one maker and one exhibitor.
John F. Cooper	Sacramento	Piano.
John F. Cooper	Sacramento	Square piano.
John F. Cooper	Sacramento	Upright piano.
John F. Cooper	Sacramento	Organ.
Robert Fay & Co.	San Francisco	Musical instruments, Cal. manufacture.
Robert Fay & Co.	San Francisco	Stringed or reed instruments, Cal. manufac.
Robert Fay & Co.	San Francisco	Six pianos, California manufacture.
Robert Fay & Co.	San Francisco	Upright piano, California manufacture.
L. K. Hammer	Sacramento	Five organs.

CLASS V—FURNITURE.

Exhibitor.	Residence.	Articles.
Charles M. Campbell	Sacramento	Pine furniture, Sacramento manufacture.
Charles M. Campbell	Sacramento	Patented reclining rocker, invalid chair.
John Breuner	Sacramento	Dressing bureau.
John Breuner	Sacramento	Sofa.
John Breuner	Sacramento	Lounge.
John Breuner	Sacramento	Extension table.
John Breuner	Sacramento	Office chair.
John Breuner	Sacramento	Set of parlor chairs.
John Breuner	Sacramento	Center table.
John Breuner	Sacramento	Pair of side tables.
John Breuner	Sacramento	Set of parlor furniture.
John Breuner	Sacramento	Display of furniture.
John Breuner	Sacramento	Hair mattress.
John Breuner	Sacramento	Writing desk.
John Breuner	Sacramento	Bookcase.
John Breuner	Sacramento	Wardrobe.
John Breuner	Sacramento	Sick chair or couch.
John Breuner	Sacramento	Spring mattress.
John Breuner	Sacramento	Set of bedroom furniture.
John Breuner	Sacramento	Display of upholstery.
John Breuner	Sacramento	Office desk.
John Breuner	Sacramento	Display of willow furniture.
John Nilsson	Sacramento	Display of willow furniture.
John Breuner	Sacramento	School furniture.
George F. Atkinson	San Francisco	Display of California woods.
T. S. Clark & Son	San Francisco	Woven wire spring mattress.
T. S. Clark & Son	San Francisco	Display of iron furniture.
T. S. Clark & Son	San Francisco	Hair mattress.
W. D. Comstock	Sacramento	Dressing bureau.
W. D. Comstock	Sacramento	Sofa.

FOURTH DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
W. D. Comstock	Sacramento	Lounge.
W. D. Comstock	Sacramento	Parlor chairs.
W. D. Comstock	Sacramento	Center table.
W. D. Comstock	Sacramento	Set of parlor furniture.
W. D. Comstock	Sacramento	Display of furniture.
W. D. Comstock	Sacramento	Hair mattress.
W. D. Comstock	Sacramento	Wool mattress.
W. D. Comstock	Sacramento	Writing desk.
W. D. Comstock	Sacramento	Bookcase.
W. D. Comstock	Sacramento	Sick chair or couch.
W. D. Comstock	Sacramento	Spring mattress.
W. D. Comstock	Sacramento	Set of bedroom furniture.
W. D. Comstock	Sacramento	Display of upholstery.
W. D. Comstock	Sacramento	Display of willow furniture.
W. D. Comstock	Sacramento	Office desk.

CLASS VI—WOODENWARE.

Exhibitor.	Residence.	Articles.
Billingsley & Co.	Sacramento	Display of cedarware.
Billingsley & Co.	Sacramento	Display of pineware.
Billingsley & Co.	Sacramento	Display of oakware.
Billingsley & Co.	Sacramento	Display of willowware.
Billingsley & Co.	Sacramento	Display of splitwood baskets.
Billingsley & Co.	Sacramento	Display of osier.
Billingsley & Co.	Sacramento	Display of woodenware.
Billingsley & Co.	Sacramento	Broomcorn, brooms, and brushes.
Billingsley & Co.	Sacramento	Assortment of hair brushes.
Billingsley & Co.	Sacramento	Assortment of coopers' ware.
S. H. Miller	Sacramento	Picture frame.
John Nilsson	Sacramento	Display of willowware.
S. & G. Gump	San Francisco	Gilt frames.
Thomas W. Schwamb	Sacramento	Gilt frames.
J. R. Hodson	Sacramento	Gilt frames.

CLASS VII—ELECTRICAL APPLIANCES, ETC.

Exhibitor.	Residence.	Articles.
Professor A. A. McLean	San Francisco	I. X. L. elastic truss, California invention.
Professor A. A. McLean	San Francisco	Medical and surgical appliances, California manufacture.
Professor A. A. McLean	San Francisco	Electro-med'al belts and appliances, Cal. m'f.
R. A. Fisk & Son	Sacramento	Electric gas lighting apparatus.
R. A. Fisk & Son	Sacramento	Electric fire alarm.
R. A. Fisk & Son	Sacramento	Automatic fire alarm.
R. A. Fisk & Son	Sacramento	Electric annunciator.
R. A. Fisk & Son	Sacramento	Electric burglar alarm.
R. A. Fisk & Son	Sacramento	Electro-magnetic apparatus.
R. A. Fisk & Son	Sacramento	Electro-telegraph.
R. A. Fisk & Son	Sacramento	Electric machine.
R. A. Fisk & Son	Sacramento	Galvanic battery and apparatus.
J. S. Cook	Sacramento	Magnetic garments, California made.
Pacific Electrical Company	San Francisco	Pacific electric pad truss.
Pacific Electrical Company	San Francisco	Duplex galvanic belt.
D. H. Tucker	San Francisco	Magnetic shields.
Henry Eckhardt	Sacramento	Double-barrel shotgun, California make.
Henry Eckhardt	Sacramento	Sporting rifle, California make.
Henry Eckhardt	Sacramento	Breech-loading shotgun, California make.
Henry Eckhardt	Sacramento	Game-bag, California make.
Henry Eckhardt	Sacramento	Display of firearms, California make.

FOURTH DEPARTMENT—Continued.

CLASS VIII—CHEMICALS.

Exhibitor.	Residence.	Articles.
Holbrook, Merrill & Stetson	Sacramento	Stove polish.
C. S. Houghton	Sacramento	Display of writing fluid.
Billingsley & Co.	Sacramento	Axle grease.
Billingsley & Co.	Sacramento	Blacking.
Huntington, Hopkins & Co.	Sacramento	Blacking.
Huntington, Hopkins & Co.	Sacramento	Axle grease.
Bothin Manufacturing Co.	Sacramento	Giant baking powder.
California Fire Apparatus Manufacturing Company	San Francisco	Synovial axle lubricator.
Magazine Brush Manufacturing Company	East Oakland	Arper's stove luster.

CLASS IX—STONEWARE, ETC.

Exhibitor.	Residence.	Articles.
Billingsley & Co.	Sacramento	Demijohns.
Burns, Church & Hancock	Sacramento	Specimen of ground glass.
Burns, Church & Hancock	Sacramento	Specimen of cut glass.
Burns, Church & Hancock	Sacramento	Flint glass.
Burns, Church & Hancock	Sacramento	Terra cotta statuary.
Burns, Church & Hancock	Sacramento	Display of queensware.
Burns, Church & Hancock	Sacramento	Display of glassware.
Burns, Church & Hancock	Sacramento	Display of chinaware.
Burns, Church & Hancock	Sacramento	Samples of ground and cut glass.
Burns, Church & Hancock	Sacramento	Samples of stained glass.
Thomas Scott	Sacramento	Display of queensware basins.
Thomas Scott	Sacramento	Samples of ground and cut glass.
Thomas Scott	Sacramento	Samples of stained glass.
G. N. Whittaker	Santa Rosa	Sample of drain tile.
G. N. Whittaker	Santa Rosa	Pressed bricks.
George Muddox	Sacramento	Stoneware.
George Muddox	Sacramento	Sample of drain tile.
George Muddox	Sacramento	Pottery, various kinds.
George Muddox	Sacramento	Display of stoneware.
George Muddox	Sacramento	Sewer pipe.
John Carlaw & Co.	Sacramento	Dressed stone.
John Breuner	Sacramento	Plate glass.
John Breuner	Sacramento	Looking glass.
Hobby & Smith	Sacramento	Stoneware.
Hobby & Smith	Sacramento	Sample of drain tile.
Hobby & Smith	Sacramento	Terra cotta.
Hobby & Smith	Sacramento	Fire bricks.
Hobby & Smith	Sacramento	Pressed bricks.
Hobby & Smith	Sacramento	Pottery, various kinds.
Hobby & Smith	Sacramento	Display of stoneware.
Hobby & Smith	Sacramento	Floor tile.
S. & G. Gump	San Francisco	Terra cotta.

CLASS X—MINERALS, FOSSILS, ETC.

Exhibitor.	Residence.	Articles.
Mrs. M. E. Fox	Newcastle	A case of crystallized minerals.
G. N. Whittaker	Santa Rosa	Suit of vegetable kingdom, including the woods and most useful plants and native grasses of California.
Hobby & Smith	Sacramento	Potters' clay, fire clay, porcelain clay.
John Eitel	Sacramento	California and Pacific Coast minerals.
John Eitel	Sacramento	Scientific collection, Freiberg, Saxony.
John Eitel	Sacramento	Blowpipe and assay apparatus, etc.

FOURTH DEPARTMENT—Continued.

CLASS XI—MARBLE AND GRANITE WORK, ETC.

Exhibitor.	Residence.	Articles.
A. Aitken	Sacramento	Marbleized slate mantel.
A. Aitken	Sacramento	Six pieces of polished marble.
L. L. Lewis & Co.	Sacramento	Marbleized iron mantels.
Israel Luce & Co.	Sacramento	Six pieces of polished marble.
John Carlaw & Co.	Sacramento	Six pieces polished California granste work.
John Carlaw & Co.	Sacramento	Six pieces of polished marble.

CLASS XII—INCUBATORS.

Exhibitor.	Residence.	Articles.
G. B. Bayley	Oakland	Pacific incubator.
G. B. Bayley	Oakland	Pacific mother, or brooder.
Pacific Incubator Company	Petaluma	Petaluma incubator.
Pacific Incubator Company	Petaluma	Mother, or brooder.

MISCELLANEOUS EXHIBITS, NOT IN PREMIUM LIST.

Exhibitor.	Residence.	Articles.
Mrs. H. Weinreich	Sacramento	Ladies' knit vests.
A. J. Pommer	Sacramento	Domestic sewing machine.
F. Toplitz & Co.	San Francisco	Manufacturing of ladies' hats.
Miss Sarah Cohen	Sacramento	Fancy glass boxes.
Charles M. Campbell	Sacramento	Pillow sham holder.
Mrs. G. F. Aron	Sacramento	Assortment of hair work, Cal. manufacture.
T. W. Schwamb	Sacramento	Four St. John sewing machines.
T. W. Schwamb	Sacramento	Remington sewing machine.
T. W. Schwamb	Sacramento	One autophone.
Western Perfumery Co.	San Francisco	Display of perfumery and toilet preparations, Cal. manufacture.
R. A. Fisk & Son	Sacramento	Display of door plates.
A. C. Joseph	San Francisco	Corrin's great horse liniment.
H. Lowry	Sacramento	Antiquated true lover knot in frame.
Crandell & Ross	San Francisco	Seamless hosiery, mittens, yarns, and skirts.
Mrs. A. W. Morrill	Sacramento	Braided rag rug.
John Nilsson	Sacramento	Willow house.
Mrs. E. H. Hubbard	San Francisco	Langtry beautifier.
Acme Bath Manf. Company	Oakland	Bath cabinet.
A. A. Van Voorhies & Co.	Sacramento	Improvement in horse collars.
A. A. Van Voorhies & Co.	Sacramento	Horse collar blocks.
A. A. Van Voorhies & Co.	Sacramento	Cheycnne saddles.
R. F. Miller	Sacramento	Amateur newspapers.
Stockton Business College and Normal School	Stockton	Caligraph.
Israel Luce & Co.	Sacramento	Kinney's patented tubular iron inclosure.
S. & G. Gump	San Francisco	Wooden mantels.
William Green	San Francisco	Perfumery and toilet articles, California manufacture.
S. & G. Gump	San Francisco	Display of gilt tables and pedestals.
G. G. Wickson & Co.	San Francisco	Remington type writer.
Charles Peake & Co.	San Francisco	Novelty rug machine.
Albrecht & Waters	San Francisco	Steel edge dustpan.
Albrecht & Waters	San Francisco	McMaster's sheet support.
Albrecht & Waters	San Francisco	Universal box strap.
Albrecht & Waters	San Francisco	Corner iron.
Albrecht & Waters	San Francisco	Shipping staple.

MISCELLANEOUS EXHIBITS—Continued.

Exhibitor.	Residence.	Articles.
Albrecht & Waters	San Francisco	Floor plates.
Albrecht & Waters	San Francisco	Griswald's patent lamp fillers.
Albrecht & Waters	San Francisco	Champion stovepipe shelf.
Ed. I. Robinson	Sacramento	Best package of eggs for hatching.
Mrs. E. I. Couch	San Francisco	Renovated angora mats.
Mrs. E. I. Couch	San Francisco	Renovated velvet rugs.
Mrs. E. I. Couch	San Francisco	Renovated carpet.
Mrs. E. I. Couch	San Francisco	Cleaning preparation.
Smith & Muir	Sacramento	Display of globes.
Smith & Muir	Sacramento	Plumbers' plated brass goods.
Smith & Muir	Sacramento	Gaspipe frame.
Petaluma Incubator Co.	Petaluma	Incubator for silkworm egg hatching, in operation.
R. W. Jackson	San Francisco	Abalone shell jewelry.
R. W. Jackson	San Francisco	Marine shells.
R. W. Jackson	San Francisco	One table top, abalone.
John Eitel	Sacramento	Electric light photographs taken in 1875-6.
B. F. Bush	Oakland	Wrapley's automatic gas burner.
J. B. Sayre	Sacramento	Patent combined buckle and ring.
T. S. Clark & Son	San Francisco	Knitted carpet lining and stair padding.
T. S. Clark & Son	San Francisco	Loom for weaving mattresses.
T. S. Clark & Son	San Francisco	Folding cots, camp cot.
T. S. Clark & Son	San Francisco	Folding camp table.
T. S. Clark & Son	San Francisco	Sham holder and folder.
H. Hudson	Sacramento	Mustard oil.
H. Hudson	Sacramento	Mustard.
Bothin Manufacturing Co.	Sacramento	Flavoring extracts.
Bothin Manufacturing Co.	Sacramento	Flavoring syrups.
Bothin Manufacturing Co.	Sacramento	Atlas coffee.
Bothin Manufacturing Co.	Sacramento	Giant spices.
Miss Maud A. Schwamb	Sacramento	Card album.
G. G. Wickson & Co.	San Francisco	Pneumatic copying presses.
Madam Robson	San Francisco	Powder, liquids, freckle lotions, nail files, etc.
Pacific Coast Screen Co.	Oakland	Magic window screen.
W. D. Comstock	Sacramento	Folding bed.
N. Dingley	Sacramento	Star coffee and spices.
George F. Wells	San Francisco	Automatic musical instruments.
Magazine Brush Manf. Co.	East Oakland	Magazine stove brush and stove luster.
Magazine Brush Manf. Co.	East Oakland	Stove color restorative.
H. Bowman	Oakland	Bowman's beautiful snow.
A. A. Van Voorhies & Co.	Sacramento	Irvine's patent bitting and driving harness.

FIFTH DEPARTMENT.

CLASS I—SILK, COTTON, AND TOBACCO.

Exhibitor.	Residence.	Articles.
G. B. Corwin	Sacramento	Tansill's Punch cigars.
Mrs. J. Rutter	Florin	Display of cocoons.
Mrs. Purrington	Brighton	Display of silk culture—eggs, moths, and cocoons.
Mrs. M. A. Stoddard	Lodi	Display of silk culture—eggs, moths, and cocoons, and silk in skein.
Carlson & Currier	San Francisco	Display of thrown and twisted silk, in the gum and boiled off, made in California.
Carlson & Currier	San Francisco	Display of skein, spool, knitting, and embroidery silk, made in California.
Mrs. Murray	San Francisco	California made cigars.

FIFTH DEPARTMENT—Continued.

SPECIAL PREMIUMS, BY CARLSON & CURRIER, SAMPLES OF SILK CULTURE, ETC.

Exhibitor.	Residence.	Articles.
Mrs. J. Rutter	Florin	Display of cocoons.
Mrs. Purrington	Brighton	Display of silk culture—eggs, moths, and cocoons.
Mrs. M. A. Stoddard	Lodi	Display of silk culture—eggs, moths, and cocoons, and silk in skein.

CLASS II—FLOUR AND GRAIN.

Exhibitor.	Residence.	Articles.
J. T. O'Toole	Freeport	Sample of Australian wheat, bunch and sack.
L. R. Davis	Sacramento	Sample Proper wheat, 63 pounds.
L. R. Davis	Sacramento	Australian wheat, one bunch.
A. Mouton	Sutter Township	Bale of hops, 200 pounds.
J. Grondona	Sacramento	Bale of hops, 200 pounds.
C. McCreary & Co.	Sacramento	Patent roller flour.
C. V. Brockway	Freeport	Bale of hops, 200 pounds.
James Holland	Sacramento	Bale of hops, 180 pounds.
A. Menke	Brighton	Two bales of hops.
A. D. Miller	Walsh Station	One sack of white wild oats.
A. D. Miller	Walsh Station	Sample of white corn, in ear and stock.
Mrs. Purrington	Brighton	Sample of buckwheat.
O. S. Freeman	Elk Grove	Samples of wheat, two bunches.
W. Fern	Sacramento	Bale of hops, 200 pounds.
W. R. Strong & Co.	Sacramento	Sample of buckwheat.
W. R. Strong & Co.	Sacramento	Sample of clover seed.
W. R. Strong & Co.	Sacramento	Sample of mesquit grass seed.
W. R. Strong & Co.	Sacramento	Sample of blue grass seed.
W. R. Strong & Co.	Sacramento	Sample of redtop seed.
W. R. Strong & Co.	Sacramento	Sample of orchard grass seed.
W. R. Strong & Co.	Sacramento	Sample of alfalfa seed.
W. R. Strong & Co.	Sacramento	Best exhibit of garden seeds, of California production.
W. R. Strong & Co.	Sacramento	Largest and best general exhibit of garden seeds.
M. Wick (by P. Stanton)	Oroville	Sample of Proper wheat.
M. Wick (by P. Stanton)	Oroville	Sample of Club wheat.
J. L. Clark	Sacramento	Bale of hops, 214 pounds.
John Bidwell	Chico	Andros Island wheat.
John Bidwell	Chico	Atlanti Greek wheat.
John Bidwell	Chico	Australian Blue Stem wheat.
John Bidwell	Chico	Brennan wheat.
John Bidwell	Chico	Champlain wheat.
John Bidwell	Chico	Black bearded Centennial wheat.
John Bidwell	Chico	White California wheat.
John Bidwell	Chico	Defiance wheat.
John Bidwell	Chico	Egyptian wheat.
John Bidwell	Chico	Genesee wheat.
John Bidwell	Chico	Lohle wheat.
John Bidwell	Chico	Macaroni wheat.
John Bidwell	Chico	Black bearded Macaroni wheat.
John Bidwell	Chico	Mansion wheat.
John Bidwell	Chico	Marslo wheat.
John Bidwell	Chico	Mold's Red Winter wheat.
John Bidwell	Chico	Norfolk Prize wheat.
John Bidwell	Chico	Odessa wheat.
John Bidwell	Chico	Odessa wheat, No. 2.
John Bidwell	Chico	Pringle's Grandee wheat.
John Bidwell	Chico	Proper wheat.
John Bidwell	Chico	Pride of Butte wheat.
John Bidwell	Chico	New Prolific wheat.
John Bidwell	Chico	Silver Chaff wheat.

FIFTH DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
John Bidwell	Chico	Tuscan wheat.
John Bidwell	Chico	Tagen Rog wheat.
John Bidwell	Chico	"X" wheat.
John Bidwell	Chico	"XX" wheat.
John Bidwell	Chico	"XXX" wheat.
John Bidwell	Chico	Carlattan barley.
John Bidwell	Chico	Imperial barley.
John Bidwell	Chico	Scotch Two-rowed barley.
John Bidwell	Chico	Black Two-rowed barley.
John Bidwell	Chico	Nepal barley.
John Bidwell	Chico	Red rye.
John Bidwell	Chico	Chico Mills flour.
John Bidwell	Chico	Broomcorn.
John Bidwell	Chico	East India millet (*Pencillaria Spicata*).
John Bidwell	Chico	German millet.
John Bidwell	Chico	Golden millet.
John Bidwell	Chico	White Egyptian corn.
John Bidwell	Chico	Red Egyptian corn.
John Bidwell	Chico	Red imphee.
John Bidwell	Chico	Evergreen millet.
John Bidwell	Chico	Amber Cream sugar corn.
John Bidwell	Chico	Black Mexican sugar corn.
John Bidwell	Chico	Squantum sugar corn.
John Bidwell	Chico	Stowell's Evergreen sugar corn.
John Bidwell	Chico	Hickox's Improved sugar corn.
John Bidwell	Chico	Giant popcorn.
John Bidwell	Chico	Early White Dent field corn.
John Bidwell	Chico	Small White Flint field corn.
John Bidwell	Chico	Salt Lake White Flint field corn.
John Bidwell	Chico	Pride of the North field corn.
John Bidwell	Chico	Golden Beauty field corn.
John Bidwell	Chico	Sicily field corn.
John Bidwell	Chico	Arikari or Dacotah field corn.
John Bidwell	Chico	White Dent field corn.
Jesse D. Carr	Salinas City	Six sacks of flour, Salinas Mills.

CLASS III—VEGETABLES, ROOTS, ETC.

Exhibitor.	Residence.	Articles.
G. N. Whittaker	Santa Rosa	Best pumpkin.
Manuel E. DeCosta	Sacramento	Best Centennial potatoes.
Manuel E. DeCosta	Sacramento	Early Rose potatoes.
Thomas Waite	Brighton	Best pumpkin.
Thomas Waite	Brighton	Three watermelons.
I. H. Thomas	Visalia	Best Victoria potatoes, red.
I. H. Thomas	Visalia	Best American Chief potatoes, white.
T. B. Lovdal	Sacramento	Red potatoes.
T. B. Lovdal	Sacramento	Display and variety of Irish potatoes.
F. Gabrielle	Sacramento	Red potatoes.
F. Gabrielle	Sacramento	White potatoes.
F. Gabrielle	Sacramento	Half bushel of other variety.
F. Gabrielle	Sacramento	Greatest variety of potatoes.
F. Gabrielle	Sacramento	Half bushel of sweet potatoes.
F. Gabrielle	Sacramento	Parsnips.
F. Gabrielle	Sacramento	Carrots.
F. Gabrielle	Sacramento	Beets (blood).
F. Gabrielle	Sacramento	Turnip beets.
F. Gabrielle	Sacramento	Sugar beets.
F. Gabrielle	Sacramento	Tomatoes.
F. Gabrielle	Sacramento	Drumhead cabbages.
F. Gabrielle	Sacramento	Red Dutch cabbages.
F. Gabrielle	Sacramento	Six heads of other variety of cabbage.
F. Gabrielle	Sacramento	Cauliflower.

FIFTH DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
F. Gabrielle	Sacramento	Broccoli.
F. Gabrielle	Sacramento	Lettuce.
F. Gabrielle	Sacramento	Red onions.
F. Gabrielle	Sacramento	Yellow onions.
F. Gabrielle	Sacramento	White onions.
F. Gabrielle	Sacramento	Peppers for pickling.
F. Gabrielle	Sacramento	Salsify.
F. Gabrielle	Sacramento	Celery.
F. Gabrielle	Sacramento	Sweet corn, green.
F. Gabrielle	Sacramento	Cucumbers.
F. Gabrielle	Sacramento	Lima beans, in pod.
F. Gabrielle	Sacramento	White beans, dry.
F. Gabrielle	Sacramento	Pole beans, other than Lima, in pod.
F. Gabrielle	Sacramento	Field peas, dry.
F. Gabrielle	Sacramento	Garden peas, dry.
F. Gabrielle	Sacramento	Castor oil beans.
F. Gabrielle	Sacramento	Greatest variety peas, dry.
F. Gabrielle	Sacramento	Gherkin cucumbers.
F. Gabrielle	Sacramento	Purple egg-plants.
O. S. Freeman	Elk Grove	Sweet potatoes.
O. S. Freeman	Elk Grove	Sweet corn.
R. Brown	Brighton	Trophy tomatoes.
R. Brown	Brighton	Acme tomatoes.
R. Brown	Brighton	Corn in ear, yellow.
R. Brown	Brighton	Corn, Yankee.
R. Brown	Brighton	Pumpkin, Yankee.
R. Brown	Brighton	Watermelon, Mountain Sprout.
R. Brown	Brighton	Corn on stock.
James Rutter	Florin	Licorice root.
W. R. Cunnington	Nicolaus	Early Rose potatoes.
W. R. Cunnington	Nicolaus	Sugar beets.
Sarah Hague	Sacramento	Turnip beets.
Sarah Hague	Sacramento	Sugar beets.
Sarah Hague	Sacramento	Cucumbers.
Sarah Hague	Sacramento	Ear of Egyptian corn.
G. Demartini	Sacramento	Sweet potatoes.
G. Demartini	Sacramento	Parsnips.
G. Demartini	Sacramento	Carrots.
G. Demartini	Sacramento	Turnip beets.
G. Demartini	Sacramento	Tomatoes.
G. Demartini	Sacramento	Red Dutch cabbage.
G. Demartini	Sacramento	Six heads of other variety.
G. Demartini	Sacramento	Cauliflower.
G. Demartini	Sacramento	Broccoli.
G. Demartini	Sacramento	Lettuce.
G. Demartini	Sacramento	Yellow onions.
G. Demartini	Sacramento	White onions.
G. Demartini	Sacramento	Peppers for pickling.
G. Demartini	Sacramento	Celery.
G. Demartini	Sacramento	Marrow squashes.
G. Demartini	Sacramento	Pumpkin.
G. Demartini	Sacramento	Sweet corn, green.
G. Demartini	Sacramento	Green-fleshed muskmelons.
G. Demartini	Sacramento	Yellow-fleshed muskmelons.
G. Demartini	Sacramento	Cucumbers.
G. Demartini	Sacramento	Lima beans, in pod.
G. Demartini	Sacramento	White beans.
G. Demartini	Sacramento	Beans, other than Lima.
G. Demartini	Sacramento	Gherkin cucumbers.
G. Demartini	Sacramento	Egg plants.
Frank A. Kimball	National City	White potatoes.
Frank A. Kimball	National City	Sweet potatoes.
Frank A. Kimball	National City	White onions.
John Bidwell	Chico	Mammoth Chili squash.
John Bidwell	Chico	Wilson's Long squash.
John Bidwell	Chico	Mammoth Tourq squash.
John Bidwell	Chico	White Crook-neck squash.

FIFTH DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
John Bidwell	Chico	Yokohama squash.
John Bidwell	Chico	Hubbard squash.
John Bidwell	Chico	Gem squash.
John Bidwell	Chico	Centennial squash.
John Bidwell	Chico	Boston Marrow squash.
John Bidwell	Chico	Golden pumpkin.
John Bidwell	Chico	Longest pumpkin.
John Bidwell	Chico	Egg plant.
Jonn Bidwell	Chico	Peach Blow potatoes.
John Bidwell	Chico	Sweet potatoes.
John Bidwell	Chico	Three watermelons.
John Bidwell	Chico	Three Green-fleshed melons.
John Bidwell	Chico	Three Yellow-fleshed melons.

CLASS III—TABLE OR COLLECTION OF VEGETABLES.

Exhibitor.	Residence.	Articles.
F. Gabrielle	Sacramento	Table of vegetables, as per catalogue list.
G. Demartini	Sacramento	Table of vegetables, as per catalogue list.

CLASS IV—FLOWERS.

Exhibitor.	Residence.	Articles.
Bell Conservatory	Sacramento	Largest collection of flowering plants, in bloom.
Bell Conservatory	Sacramento	Foliage plants.
Bell Conservatory	Sacramento	New and rare plants.
Bell Conservatory	Sacramento	Fuchsias in bloom.
Bell Conservatory	Sacramento	Ferns.
Bell Conservatory	Sacramento	Cut flowers.
Bell Conservatory	Sacramento	Bouquets.
Bell Conservatory	Sacramento	Collection of plants suitable for green-house, conservatory, or window culture.
Bell Conservatory	Sacramento	Hanging baskets containing plants.
F. Kunz	Sacramento	Largest collection of flowering plants, in bloom.
F. Kunz	Sacramento	Fuchsias in bloom.
F. Kunz	Sacramento	Cut flowers.
F. Kunz	Sacramento	Bouquets.
F. Kunz	Sacramento	Pinks in bloom.
F. Kunz	Sacramento	Tuberoses.
F. Kunz	Sacramento	Collection of plants suitable for green-house, conservatory, and window culture.
F. Kunz	Sacramento	Roses in bloom.

CLASS IV—SPECIAL PREMIUM.

Exhibitor.	Residence.	Articles.
Bell Conservatory	Sacramento	Double yoke.
Bell Conservatory	Sacramento	Four-leaf clover on stand.
Bell Conservatory	Sacramento	Basket for table.
Bell Conservatory	Sacramento	Chair.
Bell Conservatory	Sacramento	Lover's knot.
F. Kunz	Sacramento	Banner.
F. Kunz	Sacramento	Faith, Hope, Charity.

FIFTH DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
F. Kunz	Sacramento	Balloon.
F. Kunz	Sacramento	Half-moon and star.
F. Kunz	Sacramento	Horn of plenty and double-heart.
F. Kunz	Sacramento	Chair.
F. Kunz	Sacramento	Fan.
F. Kunz	Sacramento	Basket.
F. Kunz	Sacramento	Castle.
F. Kunz	Sacramento	Bouquets.

CLASS V—CHEESE.

Exhibitor.	Residence.	Articles.
J. R. Jewell	Petaluma	Cheese, one year old.
J. R. Jewell	Petaluma	Cheese, under one year old.
J. R. Jewell	Petaluma	Best and largest display of cheese.
G. N. Whittaker	Santa Rosa	Cheese, under one year old.

CLASS VI—BUTTER, BREAD, ETC.

Exhibitor.	Residence.	Articles.
J. R. Jewell	Petaluma	Sample of butter.
Mrs. J. Rutter	Florin	Sample of butter.
James Askew	El Dorado	Sample of butter.
James Askew	El Dorado	Sample of firkin butter.
Thomas Waite	Brighton	Sample of butter.
Thomas Waite	Brighton	Sample of firkin butter.
Nellie O'Toole	Freeport	Domestic corn bread.
Nellie O'Toole	Freeport	Wheat home-made bread.
Nellie O'Toole	Freeport	Wheat soda biscuit.
Nellie O'Toole	Freeport	Wheat raised biscuit.
Flo Macdonald	Sacramento	Wheat bread.
Flo Macdonald	Sacramento	Cocoanut cake.
Miss Annie Kloppenburg	Sacramento	Wheat bread.
Miss Annie Kloppenburg	Sacramento	Graham bread.
Miss Annie Kloppenburg	Sacramento	Twist bread.
Miss Annie Kloppenburg	Sacramento	Rusk.
Miss Annie Kloppenburg	Sacramento	Pound cake.
Miss Annie Kloppenburg	Sacramento	Sponge cake.
Miss Annie Kloppenburg	Sacramento	Fruit cake.
Miss Annie Kloppenburg	Sacramento	Cup cake.
Miss Annie Kloppenburg	Sacramento	Jumbles.
Lizzie B. Aiken	Sacramento	Corn bread.
Lizzie B. Aiken	Sacramento	Brown bread.
Mrs. Magann	Sacramento	Wheat bread.
Mrs. F. C. Bailey	Brighton	Corn bread.
Mrs. F. C. Bailey	Brighton	Graham bread.
Mrs. F. C. Bailey	Brighton	Rye bread.
Mrs. F. C. Bailey	Brighton	Boston brown bread.
Mrs. F. C. Bailey	Brighton	Wheat bread.
Mrs. F. C. Bailey	Brighton	Buckwheat bread.
Mrs. F. C. Bailey	Brighton	Cornstarch bread.
Mrs. F. C. Bailey	Brighton	Travelers' bread.
Mrs. F. C. Bailey	Brighton	Spice bread.
Mrs. F. C. Bailey	Brighton	Rice bread.
Mrs. F. C. Bailey	Brighton	Egg bread.
Mrs. F. C. Bailey	Brighton	Hard gingerbread.
Mrs. F. C. Bailey	Brighton	Cream biscuits.
Mrs. F. C. Bailey	Brighton	Baking powder biscuits.
Mrs. F. C. Bailey	Brighton	Graham soda biscuits.

FIFTH DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
Mrs. F. C. Bailey	Brighton	Raised biscuits.
Mrs. F. C. Bailey	Brighton	Buns.
Mrs. F. C. Bailey	Brighton	Rusk.
Mrs. F. C. Bailey	Brighton	Puffs.
Mrs. F. C. Bailey	Brighton	Rye muffins.
Mrs. F. C. Bailey	Brighton	Plain white muffins.
Mrs. F. C. Bailey	Brighton	Cinnamon muffins.
Mrs. F. C. Bailey	Brighton	Rolls.
Mrs. F. C. Bailey	Brighton	Johnnycake.
Mrs. F. C. Bailey	Brighton	French breakfast rolls.
Mrs. F. C. Bailey	Brighton	Corn popover.
Marie Walther	Sacramento	Wheat bread.
Mrs. Sarah Serine	Sacramento	Wheat bread.
Mrs. Sarah Serine	Sacramento	Graham bread.
Mrs. Sarah Serine	Sacramento	Rye bread.
Mrs. Sarah Serine	Sacramento	Steam Boston brown bread.
Mrs. Sarah Serine	Sacramento	Corn bread.
Mrs. W. H. Wright	Sacramento	Wheat bread.
Mrs. W. H. Wright	Sacramento	Corn bread.
Mrs. W. H. Wright	Sacramento	Rye bread.
Mrs. W. H. Wright	Sacramento	Graham bread.
Mrs. W. H. Wright	Sacramento	Brown bread.
Mrs. W. H. Wright	Sacramento	Soda biscuit.
Mrs. W. H. Wright	Sacramento	General display of bread.
W. F. Peterson	Sacramento	Four loaves baker's bread.
Miss Woods	Sacramento	Wheat bread.
Miss Aitken	Sacramento	Wheat bread.

CLASS VII—SUGAR, SYRUP, CONFECTIONS, AND CANDY.

Exhibitor.	Residence.	Articles.
H. Fisher & Co.	Sacramento	Display of confectionery.
H. Fisher & Co.	Sacramento	Five rock candy eggs.
H. Fisher & Co.	Sacramento	One candy chain.
H. Fisher & Co.	Sacramento	Two shelves fancy boxes, imported.
H. Fisher & Co.	Sacramento	One case imported fancy boxes.
H. Fisher & Co.	Sacramento	One showcase imported cake ornaments.
H. Fisher & Co.	Sacramento	One hundred and twenty-five jars confectionery.
H. Fisher & Co.	Sacramento	Four large pieces fancy confectionery.
H. Fisher & Co.	Sacramento	Four showcases confectionery.
H. Fisher & Co.	Sacramento	One rock candy sign.
H. Fisher & Co.	Sacramento	One rock candy ship.
H. Fisher & Co.	Sacramento	One showcase goods manufactured during the exhibition.
W. F. Peterson	Sacramento	Twelve cases fancy confectionery.
W. F. Peterson	Sacramento	One case candy.
W. F. Peterson	Chico	Thirty-five jars candy.
John Bidwell	Chico	Chinese sugarcane.
John Bidwell	Chico	Amber sugarcane.
John Bidwell	Chico	White sorghum.

SIXTH DEPARTMENT.

CLASS I—GREEN FRUITS.

Exhibitor.	Residence.	Articles.
		Apples.
G. N. Whittaker	Santa Rosa	Best display and variety of apples.
Mrs. F. Purrington	Brighton	Display and variety of apples.
Mrs. J. Rutter	Florin	Display of apples.
Mrs. E. A. Hill	Comauche	Display and variety of apples.
I. H. Thomas	Visalia	Display and variety of apples.
A. D. Miller	Walsh Station	Display and variety of apples.
A. D. Miller	Walsh Station	Display of apples, Miller's Seedlings.
Williamson Brothers	Penryn	Display of apples.
Mrs. M. E. Fox	Newcastle	Display and variety of apples.
A. C. Gray	Marysville	White Astrican apples.
C. R. Harlow	Auburn	Gloria Munday apples.
G. H. Kerr	Elk Grove	Variety of apples.
John Bidwell	Chico	Display and variety of apples.
Frank A. Kimball	National City	Display of apples.
		Pears.
Mrs. Purrington	Brighton	Display and variety of pears.
Mrs. William Baker	Brighton	Display and variety of pears.
Mrs. J. Rutter	Florin	Display of pears.
P. H. Murphy	Brighton	Display of pears.
I. H. Thomas	Visalia	Display and variety of pears.
Williamson Brothers	Penryn	Display and variety of pears.
Mrs. M. E. Fox	Newcastle	Display and variety of pears.
A. C. Gray	Marysville	Flemish Beauty pears.
A. C. Gray	Marysville	Russet pears.
C. R. Harlow	Auburn	Bartlett pears.
G. H. Kerr	Elk Grove	Variety of pears.
John Bidwell	Chico	Display and variety of pears.
Frank A. Kimball	National City	Display and variety of pears.
		Peaches.
J. H. Carrington	Sacramento	White Clingstone peaches, seedlings.
Mrs. Purrington	Brighton	Display and variety of peaches.
Mrs. Kittie Walther	Sacramento	Orange Cling peaches.
G. L. Threlkel	Newcastle	Display and variety of peaches.
William Baker	Brighton	Display and variety of peaches.
P. H. Murphy	Brighton	Display and variety of peaches.
I. H. Thomas	Visalia	Display and variety of peaches.
Williamson Brothers	Penryn	Display and variety of peaches.
Mrs. M. E. Fox	Newcastle	Display and variety of peaches.
A. C. Gray	Marysville	Orange Cling peaches.
C. R. Harlow	Auburn	Leak's Seedling peaches.
C. R. Harlow	Auburn	Thompson's Freestones.
John Bidwell	Chico	Display and variety of peaches.
		Plums.
Mrs. Purrington	Brighton	Display and variety of plums.
P. H. Murphy	Brighton	Display and variety of plums.
I. H. Thomas	Visalia	Display and variety of plums.
Williamson Brothers	Penryn	Display and variety of plums.
Mrs. M. E. Fox	Newcastle	Display and variety of plums.
A. D. Miller	Brighton	Display and variety of plums.
F. F. Eunis	Petaluma	Display and variety of plums.
John Bidwell	Chico	Display and variety of plums.
		Figs.
William Baker	Brighton	Display of green figs.
J. Berriesford	Sacramento	Display of green figs.
P. H. Murphy	Brighton	Display and variety of figs.
Williamson Brothers	Penryn	Display and variety of figs.

SIXTH DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
James Rutter	Florin	Display and variety of green figs.
A. D. Miller	Brighton	Display and variety of figs.
John Bidwell	Chico	Display and variety of figs.
		Tropical Fruits.
Williamson Brothers	Penryn	Tropical fruits.
James Rutter	Florin	Tropical fruits.
Frank A. Kimball	National City	Tropical fruits.
		Oranges and Lemons.
Williamson Brothers	Penryn	Display of oranges.
Williamson Brothers	Penryn	Display of lemons.
Mrs. M. E. Fox	Newcastle	Display of oranges.
Frank A. Kimball	National City	Display and variety of oranges.
Frank A. Kimball	National City	Display and variety of lemons.
		General Display.
Mrs. Purrington	Brighton	General display of fruit, by producer.
P. H. Murphy	Brighton	General display of fruit, by producer.
I. H. Thomas	Visalia	General display of fruit, by producer.
I. H. Thomas	Visalia	General display of fruit, embracing best and greatest variety, by dealer.
Williamson Brothers	Penryn	General display of fruit, by producer.
Frank A. Kimball	National City	General display of fruit, by producer.

CLASS II—HONEY, PRESERVES, PICKLES, ETC.

Exhibitor.	Residence.	Articles.
Capital Packing Company	Sacramento	Display of canned and preserved jams, jellies, etc.
Capital Packing Company	Sacramento	Display of hermetically sealed goods.
Mrs. Purrington	Brighton	Display of fruits in glass, by producer.
Mrs. Purrington	Brighton	Six jars blackberry jam.
Mrs. Purrington	Brighton	Display of canned and preserved jams and jellies.
Mrs. Purrington	Brighton	Ten pounds of California honey.
Mrs. Woodworth	Sacramento	Display of jams, jellies, etc., in glass.
Mrs. Woodworth	Sacramento	Six jars blackberry jelly.
Mrs. Sol. Runyon	Courtland	Display of fruit in glass, by producer.
Mrs. Sol. Runyon	Courtland	Six glasses red currant jelly.
Mrs. Sol. Runyon	Courtland	Six glasses strawberry jelly.
Mrs. Sol. Runyon	Courtland	Six glasses quince jelly.
Mrs. Sol. Runyon	Courtland	Six glasses blackberry jam.
Mrs. Sol. Runyon	Courtland	Six glasses blackberry jelly.
Mrs. Sol. Runyon	Courtland	Six glasses raspberry jam.
Mrs. Sol. Runyon	Courtland	Six glasses red raspberry jelly.
Mrs. Sol. Runyon	Courtland	Display of jams and jellies, in glass.
Mrs. Sol. Runyon	Courtland	Display of pickles.
Mrs. Sol. Runyon	Courtland	Spanish pickles.
Mrs. J. S. Watson	Sacramento	Six jars of raspberry jelly.
Mrs. J. S. Watson	Sacramento	Six jars of raspberry jam.
Mrs. J. S. Watson	Sacramento	Twelve jars of red currant jam.
Mrs. J. S. Watson	Sacramento	Eight jars of blackberry jam.
Mrs. J. S. Watson	Sacramento	Six jars of strawberry jam.
Mrs. J. S. Watson	Sacramento	Eight jars of quince jam.
Mrs. J. S. Watson	Sacramento	Eighteen jars of blackberry jam.
Mrs. J. S. Watson	Sacramento	Two jars of brandied peaches.
Mrs. J. S. Watson	Sacramento	Display of jams and jellies, in glass.
Mrs. J. S. Watson	Sacramento	Four jars of pickled figs.
Mrs. J. S. Watson	Sacramento	Two jars of pickled peaches.
R. Brown	Brighton	Honey in comb.
W. R. Strong & Co.	Sacramento	California honey.
John Bidwell	Chico	Display and variety of canned fruits.

SIXTH DEPARTMENT—Continued.

CLASS III—DRIED AND PRESERVED FRUITS, NUTS, ETC.

Exhibitor.	Residence.	Articles.
F. F. Ennis	Petaluma	Best ten pounds dried apples.
F. F. Ennis	Petaluma	Best ten pounds dried plums.
F. F. Ennis	Petaluma	Best ten pounds dried prunes.
F. F. Ennis	Petaluma	Best ten pounds dried cherries.
F. F. Ennis	Petaluma	Best general display, by producer.
Mrs. Purrington	Brighton	Best ten pounds dried apples, by producer.
Mrs. Purrington	Brighton	Best ten pounds dried peaches, by producer.
Mrs. Purrington	Brighton	Best ten pounds dried plums, by producer.
Mrs. Purrington	Brighton	Best ten pounds dried prunes, by producer.
Mrs. Purrington	Brighton	Best ten pounds dried blackberries, by producer.
Mrs. Purrington	Brighton	Best general display of dried fruits, by factory.
Mrs. Purrington	Brighton	General display of dried fruits, by producer.
G. N. Whittaker	Santa Rosa	Best general display of dried fruits, by factory.
P. J. Isbell	Placerville	Best ten pounds dried apples, by producer.
P. J. Isbell	Placerville	Best ten pounds dried pears, by producer.
P. J. Isbell	Placerville	Best ten pounds dried peaches, by producer.
P. J. Isbell	Placerville	Best ten pounds dried plums, by producer.
P. J. Isbell	Placerville	Best ten pounds dried apricots, by producer.
P. J. Isbell	Placerville	Best ten pounds dried nectarines, by producer.
P. J. Isbell	Placerville	Best ten pounds dried strawberries, by producer.
P. J. Isbell	Placerville	Best general display of dried fruit, by producer.
Lizzie B. Aiken	Sacramento	Best ten pounds dried prunes.
Lizzie B. Aiken	Sacramento	Best ten pounds dried apples.
Lizzie B. Aiken	Sacramento	Best ten pounds dried plums.
John Bidwell	Chico	Display of dried apples.
John Bidwell	Chico	Display of dried peaches.
John Bidwell	Chico	Display of dried plums.
John Bidwell	Chico	Display of dried prunes.
John Bidwell	Chico	Display of dried apricots.
John Bidwell	Chico	Display of dried cherries.
John Bidwell	Chico	General display of dried fruits.

CULTIVATED NUTS, RAISED BY EXHIBITOR.

Exhibitor.	Residence.	Articles.
P. H. Murphy	Brighton	Soft shell almonds.
A. D. Miller	Walsh Station	Soft shell Languedoc almonds.
A. D. Miller	Walsh Station	Two quarts soft shell confectionery almonds.
William Baker	Brighton	Soft shell almonds.
William Baker	Brighton	Hard shell almonds.
Mrs. M. E. Fox	Newcastle	Hard shell almonds.
Mrs. M. E. Fox	Newcastle	Soft shell almonds.
Mrs. M. E. Fox	Newcastle	Chestnuts.
A. C. Gray	Marysville	Eastern black walnuts.
John Bidwell	Chico	Soft shell almonds.
John Bidwell	Chico	Hard shell almonds.
John Bidwell	Chico	Paper shell almonds.
John Bidwell	Chico	English walnuts.
John Bidwell	Chico	California black walnuts.
John Bidwell	Chico	Eastern black walnuts.
John Bidwell	Chico	Pecans.
John Bidwell	Chico	Italian chestnuts.
Frank A. Kimball	National City	Soft shell almonds.

SIXTH DEPARTMENT—Continued.

CLASS IV—GRAPES AND RAISINS.

Exhibitor.	Residence.	Articles.
Mrs. Purrington	Brighton	Display of California raisins.
Mrs. Purrington	Brighton	Six varieties of table grapes, not less than three bunches.
Mrs. Purrington	Brighton	Three varieties of table grapes.
Mrs. Purrington	Brighton	Best variety of table grapes.
Mrs. Purrington	Brighton	Six varieties of wine grapes.
Mrs. Purrington	Brighton	Three varieties of wine grapes.
Mrs. Purrington	Brighton	Best variety of wine grapes.
Mrs. Purrington	Brighton	Best general display of grapes, by producer.
William Baker	Brighton	Six varieties of table grapes.
William Baker	Brighton	Three varieties of table grapes.
Mrs. J. Rutter	Florin	Seedless Sultana raisins.
P. H. Murphy	Brighton	Six varieties of table grapes.
P. H. Murphy	Brighton	Three varieties of table grapes.
P. H. Murphy	Brighton	Best variety of table grapes.
P. H. Murphy	Brighton	Six varieties of wine grapes.
P. H. Murphy	Brighton	Three varieties of wine grapes.
P. H. Murphy	Brighton	Best variety of wine grapes.
P. H. Murphy	Brighton	General display of grapes, by producer.
A. D. Miller	Walsh Station	Six varieties of table grapes.
A. D. Miller	Walsh Station	Best variety of table grapes.
A. D. Miller	Walsh Station	Three varieties of table grapes.
A. D. Miller	Walsh Station	Three varieties of wine grapes.
William Baker	Brighton	Six varieties of wine grapes.
W. A. Himes	Rocklin	Six varieties of table grapes.
W. A. Himes	Rocklin	Three varieties of table grapes.
W. A. Himes	Rocklin	Best variety of table grapes.
W. A. Himes	Rocklin	Six varieties of wine grapes.
W. A. Himes	Rocklin	Three varieties of wine grapes.
W. A. Himes	Rocklin	Best variety of wine grapes.
W. A. Himes	Rocklin	General display, by producer.
R. Brown	Brighton	Three varieties of table grapes.
I. H. Thomas	Visalia	Variety of table and raisin grapes.
James Rutter	Florin	Best variety of table grapes.
James Rutter	Florin	Best variety of wine grapes.
Mrs. M. E. Fox	Newcastle	Three varieties of table grapes.
G. H. Kerr	Elk Grove	Six varieties of table grapes.
G. H. Kerr	Elk Grove	Three varieties of table grapes.
G. H. Kerr	Elk Grove	Best variety of table grapes.
G. H. Kerr	Elk Grove	Best general display of grapes, by producer.
A. C. Gray	Marysville	Six varieties of table grapes.
A. C. Gray	Marysville	Three varieties of table grapes.
A. C. Gray	Marysville	Best variety of table grapes.
A. C. Gray	Marysville	General display of grapes.
G. H. Kerr	Elk Grove	Display of raisins.
G. H. Kerr	Elk Grove	Six varieties of wine grapes.
G. H. Kerr	Elk Grove	Three varieties of wine grapes.
John Bidwell	Chico	General display of grapes.
Frank A. Kimball	National City	Variety of table grapes.
Frank A. Kimball	National City	Variety of wine grapes.

CLASS V—BRANDIES AND WINES.

Exhibitor.	Residence.	Articles.
I. De Turk	Santa Rosa	Best general display of California brandies and wines.
Mrs. K. Warfield	Santa Rosa	Best grape brandy, over one year old.
I. De Turk	Santa Rosa	Best grape brandy, over one year old.
G. W. Chesley	Sacramento	Cal. B. B. brandy, not less than one doz. bot's.
G. W. Chesley	Sacramento	California brandy.
G. M. Jarvis	San José	General display of Cal. brandies and wines.

SIXTH DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
G. M. Jarvis	San José	Grape brandy, over one year old.
G. M. Jarvis	San José	Grape brandy, one year old.
		Dry Wines.
I. De Turk	Santa Rosa	White wine, not less than one dozen bottles.
G. W. Chesley	Sacramento	California claret wine, not less than one dozen bottles.
G. M. Jarvis	San José	White wine, not less than one dozen bottles.
G. M. Jarvis	San José	California claret, over one year, not less than one dozen bottles.
G. M. Jarvis	San José	California claret, one year, not less than one dozen bottles.
I. De Turk	Santa Rosa	California claret, over one year, not less than one dozen bottles.
I. De Turk	Santa Rosa	California claret, one year, not less than one dozen bottles.
		Sweet Wines.
I. De Turk	Santa Rosa	Sweet wine, not less than one dozen bottles.
		Special Wines.
I. De Turk	Santa Rosa	California port, not less than one dozen bottles.
I. De Turk	Santa Rosa	California sherry, not less than one dozen bottles.
G. W. Chesley	Sacramento	California port, not less than one dozen bottles.
G. M. Jarvis	San José	California port, not less than one dozen bottles.
G. M. Jarvis	San José	California sherry, not less than one dozen bottles.

MISCELLANEOUS EXHIBITS, NOT IN PREMIUM LIST.

Exhibitor.	Residence.	Articles.
Vigor of Life Company	Sacramento	Vigor of Life.
G. W. Chesley	Sacramento	Rye Sour.
G. W. Chesley	Sacramento	Rock and Rye.
G. W. Chesley	Sacramento	Club House Punch.
G. W. Chesley	Sacramento	Florida Orange whisky.
G. W. Chesley	Sacramento	Maple rum.
R. C. Templeman	San Francisco	Celery, Beef, and Iron.
The Chas. A. Vogeler Co.	San Francisco	St. Jacobs Oil.
Louis Wilcox	Sacramento	One stand barberries, raised in Sacramento.
G. M. Jarvis	San José	Peach brandy.
G. M. Jarvis	San José	Apple brandy.
G. M. Jarvis	San José	Blackberry brandy.
G. M. Jarvis	San José	Muscat brandy.
T. M. Lash & Co.	Sacramento	Homer's Kidney and Liver Cure.
T. M. Lash & Co.	Sacramento	Lash's Kidney and Liver Bitters.
H. B. Birnbaum	San Francisco	Cibil's Fluid Beef Extract.
J. R. Jewell	Petaluma	Sample of ensilage, over one year old.
Joseph Berriesford	Sacramento	Three quinces.
G. B. Corwin	Sacramento	Crandall Type Writer.
G. B. Corwin	Sacramento	Crandall Writing Machine.
G. B. Corwin	Sacramento	Crandall Type Sleeve.
F. A. Williams	San Francisco	Four twine bird cages.
E. J. Peeler	San Francisco	Coinages of the world, ancient and modern.
A. T. Cooper & Co.	Sacramento	Castalian natural mineral water.
A. Thurber	San Francisco	Automatic lamp bracket.
Mrs. E. A. Hill	Comanche	California Insect Powder (Pyrethreum Carneum).
A. D. Miller	Walsh Station	Display of pomegranates.

SIXTH DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
J. S. Watson	Sacramento	Four jars grape jelly.
J. S. Watson	Sacramento	Four jars peach jelly.
J. S. Watson	Sacramento	Twelve glasses apple jelly, four kinds.
J. S. Watson	Sacramento	Six jars strawberry jam.
J. S. Watson	Sacramento	Twenty-seven glasses crabapple jelly, three kinds.
J. S. Watson	Sacramento	Three jars strawberry preserves.
J. S. Watson	Sacramento	Six jars blackberry preserves.
J. S. Watson	Sacramento	Three jars peach preserves.
Mrs. Jones	Sacramento	Six jars tomato jelly.
Mrs. Sol. Runyon	Courtland	Yellow nectarine jelly.
Mrs. Sol. Runyon	Courtland	Crawford peach jelly.
Mrs. Sol. Runyon	Courtland	Hale's peach jelly.
Mrs. Sol. Runyon	Courtland	Seckel pear jelly.
Mrs. Sol. Runyon	Courtland	White Doyanne pear jelly.
Mrs. Sol. Runyon	Courtland	Bartlett pear jelly.
Mrs. Sol. Runyon	Courtland	White Sweetwater grape jelly.
Mrs. Sol. Runyon	Courtland	Dearborn grape jelly.
Mrs. Sol. Runyon	Courtland	Madalene grape jelly.
Mrs. Sol. Runyon	Courtland	Bradshaw plum jelly.
Mrs. Sol. Runyon	Courtland	Cherry plum jelly.
Mrs. Sol. Runyon	Courtland	Columbia plum jelly.
Mrs. Sol. Runyon	Courtland	Falenburg prune jelly.
Mrs. Sol. Runyon	Courtland	Gross prune jelly.
Mrs. Sol. Runyon	Courtland	German prune jelly.
Mrs. Sol. Runyon	Courtland	Petite prune jelly.
Mrs. Sol. Runyon	Courtland	Duane's plum jelly.
Mrs. Sol. Runyon	Courtland	Green gage plum jelly.
Mrs. Sol. Runyon	Courtland	Washington plum jelly.
Mrs. Sol. Runyon	Courtland	Yellow egg plum jelly.
Mrs. Sol. Runyon	Courtland	Purple egg plum jelly.
Mrs. Sol. Runyon	Courtland	Winesap apple jelly.
Mrs. Sol. Runyon	Courtland	Astrican apple jelly.
Mrs. Sol. Runyon	Courtland	Bellflower apple jelly.
Mrs. Sol. Runyon	Courtland	Crabapple jelly.
Mrs. Sol. Runyon	Courtland	June apple jelly.
Mrs. Sol. Runyon	Courtland	Jonathan apple jelly.
Mrs. Sol. Runyon	Courtland	Newtown pippin apple jelly.
Mrs. Sol. Runyon	Courtland	Smith cider apple jelly.
Mrs. Sol. Runyon	Courtland	Twenty-ounce pippin apple jelly.
Mrs. Sol. Runyon	Courtland	Wild blackberry jelly.
Mrs. Sol. Runyon	Courtland	Black raspberry jelly.
Mrs. Sol. Runyon	Courtland	Seedling cherry jelly.
Mrs. Sol. Runyon	Courtland	Royal Ann cherry jelly.
Mrs. Sol. Runyon	Courtland	White fig jelly.
Mrs. Sol. Runyon	Courtland	Blue fig jelly.
Mrs. Sol. Runyon	Courtland	Gooseberry jelly.
Mrs. Sol. Runyon	Courtland	Tokay grape jelly.
Mrs. Sol. Runyon	Courtland	Watermelon jelly.
Mrs. Sol. Runyon	Courtland	Cantaloupe jelly.
Mrs. Sol. Runyon	Courtland	Wild blackberry jam.
Mrs. Sol. Runyon	Courtland	Black raspberry jam.
Mrs. Sol. Runyon	Courtland	Wild blackberry preserves.
Mrs. Sol. Runyon	Courtland	Spiced currants.
Mrs. Sol. Runyon	Courtland	Plain currants.
Mrs. Sol. Runyon	Courtland	Governor Wood cherry preserves.
Mrs. Sol. Runyon	Courtland	Ox-heart cherry preserves.
Mrs. Sol. Runyon	Courtland	Royal Ann cherry preserves.
Mrs. Sol. Runyon	Courtland	Seedling cherry preserves.
Mrs. Sol. Runyon	Courtland	Lemon cling peach preserves.
Mrs. Sol. Runyon	Courtland	Cole's Golden Drop plum preserves.
Mrs. Sol. Runyon	Courtland	Yellow Egg plum preserves.
Mrs. Sol. Runyon	Courtland	Purple Egg plum preserves.
Mrs. Sol. Runyon	Courtland	Bartlett pear preserves.
Mrs. Sol. Runyon	Courtland	Red raspberry preserves.
Mrs. Sol. Runyon	Courtland	Black raspberry preserves.
Mrs. Sol. Runyon	Courtland	Sweet pickled figs.

SIXTH DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
Mrs. Sol. Runyon	Courtland	Sweet pickled grapes.
Mrs. Sol. Runyon	Courtland	Muscat grape jelly.
M. Metzger	San Francisco	Eureka door bolts.
M. Metzger	San Francisco	Alarm door knob.
M. Metzger	San Francisco	Automatic clamp.
M. Metzger	San Francisco	Marimoore meat safe.
M. Metzger	San Francisco	Patent window pole.
Atwell's Manufacturing Co.	Cincinnati	Atwell burglar proof sash lock and ventilator.
M. Metzger	San Francisco	Patent cabinet for paper.
T. K. Burgess	Sacramento	California elastic coach enamel.
T. K. Burgess	Sacramento	Enamel oil for harness.
T. K. Burgess	Sacramento	Furniture varnish.
Osborn & Alexander	San Francisco	Bicycles and tricycles.
J. D. Slater	San Francisco	Johnson's Fluid Beef.
J. D. Slater	San Francisco	Sheet bluing.
J. D. Slater	San Francisco	Patent broom holder.
M. Metzger	San Francisco	Patent whiplock.
M. Metzger	San Francisco	Patent changegate.
J. P. Lowell	Sacramento	Indian Wigwam Bitters.
William Baker	Brighton	Portuguese quince.
M. Metzger	San Francisco	Patent fruit jar.
M. Metzger	San Francisco	Automatic door spring.
F. N. Wortner	Winters	Two jars of preserved table apricots.
F. N. Wortner	Winters	One can of preserved table apricots.
Prof. A. A. McLean	San Francisco	Silk elastic stockings, leggings, anklets, knee caps, and suspensory bandages, manufactured by I. X. L. Truss Company.
George D. Shearer	San Francisco	Peruvian Bitters.
George D. Shearer	San Francisco	California Fruit Salt.
George D. Shearer	San Francisco	Pacific Desiccated Cocoanut.
George D. Shearer	San Francisco	Jay-Eye-See Liniment.
George D. Shearer	San Francisco	Improved Egg Food.

SEVENTH DEPARTMENT.

CLASS I—FINE ARTS.

Exhibitor.	Residence.	Articles.
Van Wyck	Dusseldorf, Ger.	One oil painting.
R. D. Yelland	San Francisco	Seven oil paintings.
Henry Alaxander	San Francisco	Four oil paintings.
William Hahn	London, England	Two oil paintings.
S. M. Brookes	San Francisco	Six oil paintings.
W. A. Coulter	Stockton	Four oil paintings.
Henry Thomas	Paris, France	One oil painting.
Paymans	Paris, France	Two oil paintings.
H. Borneman	San Francisco	Two water-color portraits.
M. Lotz	Paris, France	Three oil paintings.
De Bul	Paris, France	One oil painting.
Norton Bush	San Francisco	Twenty-seven oil paintings.
De Rudder	Paris, France	One oil painting.
G. W. Nicholson	Philadelphia	One oil painting.
Gilbert Munger	New York	One oil painting.
Kratke	Paris, France	One oil painting.
Charles J. B. Carlson	San Francisco	One oil painting.

SEVENTH DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
Julia Haste	San Francisco	Two oil paintings.
H. W. Arthur Nahl	San Francisco	Twelve oil paintings.
H. W. Arthur Nahl	San Francisco	One crayon head.
Virgil Williams	San Francisco	Four oil paintings.
J. G. Brown	New York	One oil painting.
Mrs. L. Irelan	San Francisco	Nine water-color paintings.
Mrs. L. Irelan	San Francisco	Two decorated mirrors.
William Keith	Munich	One oil painting.
E. Narjot	San Francisco	Four oil paintings.
M. Strauss	San Francisco	Six oil paintings.
Mrs. H. C. Rogers	San Francisco	Five oil paintings.
W. O. Emerson	Haywards	Twenty-six oil paintings.
Julian Rix	New York	Three oil paintings.
Lucy F. Adams	San Francisco	Four oil paintings.
J. A. Hecht	San Francisco	Three water-color paintings.
A. Joulin	Paris, France	One oil painting.
A. C. Roderigues	San Francisco	Six oil paintings.
P. L. Peters	San Francisco	Four oil paintings.
Fanny McClatchy	Sacramento	Three oil paintings.
Paul Menegoena	San Francisco	Three oil paintings.
Paul Menegoena	San Francisco	One crayon.
Master Arthur C. Nahl	San Francisco	One crayon.
Master Perham W. Nahl	San Francisco	One crayon.
William F. Jackson	Sacramento	Fourteen oil paintings.
William F. Jackson	Sacramento	One crayon.
Mrs. William Knights	Sacramento	Four oil paintings.
George W. Waters	Elmira, N. Y.	One oil painting.
Dora Williams	San Francisco	Ten water-color paintings.
Maggie O'Toole	Freeport	One oil painting.
Daisy Davis	Sacramento	Nine oil paintings.
Sara Campion	San Francisco	Five crayon pastels.
Sara Campion	San Francisco	Four oil paintings.
Mrs. J. A. Stoddard	Sacramento	Three paintings on satin.
Ida F. Piatt	Napa	Three water-color paintings.
H. Iverson Booth	San Francisco	One crayon drawing.
Edward E. Johnson	Sacramento	One oil painting.
Edward E. Johnson	Sacramento	One crayon.
Mrs. G. B. Cosby	Sacramento	Modeling in clay, two specimens.
Mrs. E. C. Hatch	San Francisco	Eighteen oil paintings.
Mrs. E. C. Hatch	San Francisco	One crayon.
F. Kendall	Sacramento	Twenty oil paintings.
Mrs. E. C. Hatch	San Francisco	One oil painting.
Emma Hoehn	Sacramento	Two plaques.
J. E. Gennung	Sacramento	Eight oil paintings.
May Bailey	Sacramento	Seven decorative banners.
May Bailey	Sacramento	Thirteen oil paintings.
Mrs. Charles Mayne, Jr.	San Francisco	Two oil paintings.
Annie L. Doble	Sacramento	Three oil paintings.
Maud Ough	Sacramento	Two crayon drawings.
Josie Crackbon	Oakland	Two crayon drawings.
Emma Hoehn	Sacramento	Two crayon heads.
Lillie A. Cutter	Sacramento	Three crayon drawings.
Nellie McManus	Sacramento	Five crayon drawings.
Jennie Clark	Sacramento	Two crayon drawings.
Laura Graham	Elk Grove	Five crayon drawings.
Amelia Klippel	Sacramento	Two crayon drawings.
Addie L. Hughes	Sacramento	Three crayon drawings.
Jennie Simpson	Sacramento	Three crayon drawings.
Pauline Eilers	Sacramento	Two crayon drawings.
Daisy Davis	Sacramento	Crayon drawings from cast.
Mrs. L. Irelan	San Francisco	Two oil paintings.
Nellie De Valin	San Rafael	Two plaques in oil.
Nellie De Valin	San Rafael	Two plaques on wood.
Josie Wittenbrock	Sacramento	One plaque in oil.
Josie Wittenbrock	Sacramento	Four panels on silk, in mersed water colors.
Mrs. F. A. Arnold	San Francisco	One brass plaque in oil.
C. T. Stever	Sacramento	One plaque in oil.

SEVENTH DEPARTMENT—Continued.

Exhibitor.	Residence.	Articles.
Mrs. F. A. Arnold	San Francisco	Painted mirror in oil.
Mrs. F. A. Arnold	San Francisco	Plaque in oil.
Daisy Davis	Sacramento	One oil painting.
Pauline M. Eilers	Sacramento	Two oil paintings.
Mrs. William Irelan	San Francisco	One water-color painting.
Emma Hoehn	Sacramento	One crayon drawing.
Addie L. Hughes	Sacramento	One crayon drawing.

CLASS II—PHOTOGRAPHIC ART.

Exhibitor.	Residence.	Articles.
J. R. Hodson	Sacramento	Photographic display.
Imperial Gallery	San Francisco	Exhibition of dry plate photographs.
Sam. C. Partridge, Agent	San Francisco	Display of dry plate photographs.

CLASS III—INDIA INK, PEN, AND PENCIL DRAWINGS.

Exhibitor.	Residence.	Articles.
Carl Eisenschimel	San Francisco	Two pen and ink drawings.
Master Arthur C. Nahl	San Francisco	Specimens of pencil drawings.
Master Perham W. Nahl	San Francisco	Specimens of pencil drawings.
Sacramento Business College	Sacramento	Display of free-hand pen drawing, penmanship, frames, and India ink pen drawings.
Stockton Business College and Normal School	Stockton	Exhibition of penmanship, pen drawings, oil paintings, diplomas, etc.
Maud Ough	Sacramento	Two pencil drawings.
Charles F. Holland	Sacramento	Two pen etchings.

CLASS IV—STATUARY, FRESCO, AND MOSAIC.

Exhibitor.	Residence.	Articles.
Mrs. G. B. Cosby	Sacramento	Modeling in clay, two specimens.
Miss Emma Clark	Sacramento	Barbatineware jar.
S. & G. Gump	San Francisco	Statuary by John Rogers of New York, two pieces.
S. & G. Gump	San Francisco	Bisque statuary.
Church, Burns & Hancock	Sacramento	Statuary.
Church, Burns & Hancock	Sacramento	Bisque statuary.
Israel Luce & Co.	Sacramento	Statute of Hope.
Israel Luce & Co.	Sacramento	Italian cross.
Israel Luce & Co.	Sacramento	Statuette of lamb.
Detroit Bronze Company	San Francisco	White bronze monuments and statues.

EIGHTH DEPARTMENT.

COUNTY EXHIBITS.

Exhibitor.	Residence.	Articles.
Pomona Grange	Sonoma County	Sonoma County products.
D. A. Learned, Chairman of Committee San Joaquin County Grangers	San Joaquin County	San Joaquin County exhibits, farm products.
L. H. Fassett, Secretary of Sacramento County exhibit	Sacramento	Sacramento County exhibit.
Frank A. Kimball, Chairman of San Diego County Grange	National City	San Diego County exhibit.
John Bidwell, Chairman of Committee Butte County exhibits	Chico	Butte County exhibit.
S. R. Chandler, Chairman of Sutter County exhibits	Yuba City	Sutter County exhibit.

PREMIUMS AWARDED----1884.

FIRST DEPARTMENT.

Live Stock.	Name of Owner.	P O. Address.	Name of Animal.	Premium.
CLASS I—THOROUGHBRED HORSES—STALLIONS.				
Best four years old and over	H. B. Potter	Stockton	Kelpie	$40 00
Second best four years old and over	P. M. Ward	Sacramento	Clifton Bell	20 00
Best three years old	F. DePoister	Sacramento	Joe Wheatley	15 00
Best one year old	Wm. Todhunter	Washington	King of Norfolk	11 25
MARES.				
Best three years old	Chas. Scott	Napa	Esmeralda	25 00
Second best three years old	C. Halverson	Routier's Stat'n	Emma B	12 50
FAMILIES OTHER THAN THOROUGHBRED.				
Best stallion and five of his colts	J. T. McIntosh	Chico	Singleton and five colts	50 00
Best mare and two of her colts	W. E. Comstock	Pleasant Grove	Maud and two colts	40 00
CLASS II—HORSES OF ALL WORK---STALLIONS.				
Best four years old and over	Geo. Hack	Freeport	Young Peacock	40 00
Second best four years old and over	A. D. Oakley	Folsom	Seline	20 00
Best three years old	John McEntee	Gonzales	Henry Clay	22 50
Best two years old	W. E. Comstock	Pleasant Grove	Major	20 00
Second best two years old	M. Wick	Oroville	Arlington	10 00
Best one year old	T. Davis	Plymouth	Geo. Howson	15 00
Second best one year old	A. D. Miller	Walsh's Station	Modoc	7 50
Best under one year old	G. W. Hancock	Sacramento	——, by Prince	7 50
MARES.				
Best four years old and over, with colt	W. R. Cunnington	Nicolaus	Bay Lucy and colt	40 00
Second best four years old and over, with colt	A. D. Miller	Walsh's Station	Eureka and colt	20 00

Best four years old and over	A. D. Miller	Walsh's Station	Lucy Grey		20 00
Second best four years old and over	John Adams	Monticello			15 00
Best three years old	Geo. Hack	Freeport	Mollie		20 00
Second best three years old	J. H. Allen	Sacramento	Nellie C		10 00
Best two years old	W. E. Comstock	Pleasant Grove	Queen		11 25
Best one year old	A. D. Miller	Walsh's Station	Juno		7 50
Best under one year old	W. R. Cunnington	Nicolaus	Maggie		7 50
CLASS III—DRAFT HORSES—STALLIONS.					
Best four years old and over	A. B. McCrae	Roseville	Vendee		40 00
Second best four years old and over	J. R. Jones	Madison	Devote		20 00
Best three years old	J. T. Whitney	Rocklin	British Oak		30 00
Second best three years old	G. L. Meadows	Elk Grove	Scotch Outcry		15 00
Best two years old	C. K. Bailey	Stockton	Royal Tom		20 00
Second best two years old	C. K. Bailey	Stockton	White King		10 00
Best one year old	C. K. Bailey	Stockton	Geo. Washington		15 00
Second best one year old	John McEntee	Gonzales	Farmers' Glory		7 50
Best under one year old	W. E. Comstock	Pleasant Grove	Prince		10 00
Second best under one year old	C. K. Bailey	Stockton	Waterloo		5 00
MARES.					
Best four years old and over, with colt	R. J. Merkley	Sacramento	Fanchon and colt		40 00
Second best four years old and over, with colt	C. K. Bailey	Stockton	Cotata Queen and colt		20 00
Best four years old and over	R. J. Merkley	Sacramento	Nellie		30 00
Second best four years old and over	J. T. Whitney	Rocklin	Welcome		15 00
Best three years old	J. T. Whitney	Rocklin	Catch		18 75
Best two years old	R. J. Merkley	Sacramento	Juanita		11 25
Best one year old	C. K. Bailey	Stockton	Maggie Taylor		10 00
Second best one year old	W. E. Comstock	Pleasant Grove	Belle		5 00
Best suckling colt	R. J. Merkley	Sacramento	Emma		10 00
Second best suckling colt	C. K. Bailey	Stockton	Moss Rose		5 00
CLASS IV—ROADSTERS—STALLIONS.					
Best four years old and over	Wm. Billups	Colusa	Tilton Almont		40 00
Second best four years old and over	L. J. Rose	San Gabriel	Sultan		20 00
Best three years old	A. L. Frost	Sacramento	Roscoe		30 00
Second best three years old	J. H. Tennent	Pinole	Alert		15 00
Best two years old	S. K. Trefry	Sacramento	Apex		20 00
Second best two years old	J. W. Gardner	Santa Ana	Black Diamond		15 00
Best one year old	J. B. Haggin	Sacramento	Tanhauser		15 00
Second best one year old	W. R. Merrill	Willows	Climax		7 50
Best suckling colt	Henry Klemp	Pleasant Grove	Prompter, Jr.		10 00
Second best suckling colt	B. E. Harris	San Francisco	Relief		5 00

FIRST DEPARTMENT—Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Premium.
GELDINGS.				
Best roadster gelding	Ed. Younger	San José	Whisper	$40 00
Second best roadster gelding	S. K. Trefry	Sacramento	Dick Brown	20 00
MARES.				
Best four years old and over	P. W. Dudley	Oakdale	Magdalene	40 00
Second best four years old and over	M. W. Hicks	Sacramento	Empress	20 00
Best three years old	A. T. Hatch	Suisun	Primera	30 00
Second best three years old	D. E. Knight	Marysville	Nighthawk	15 00
Best two years old	W. R. Merrill	Willows	Belle A	20 00
Second best two years old	L. Whitmore	Woodland	Skip	10 00
Best one year old	M. W. Hicks	Sacramento	Beauty	10 00
Second best one year old	J. B. Haggin	Sacramento		5 00
Best suckling colt	A. D. Miller	Walsh's Station	Lily	10 00
Second best suckling colt	M. W. Hicks	Sacramento		5 00
CLASS V—CARRIAGE HORSES.				
Best span	W. M. Coward	Woodland	Kentuck and Prince	40 00
Second best span	B. E. Harris	San Francisco	Colonel and Elmo	20 00
CLASS VI—ROADSTER TEAMS.				
Best double roadster team	L. U. Shippee	Stockton	Mollie and Nellie	30 00
CLASS VII—STANDARD TROTTERS—STALLIONS.				
Best four years old and over	L. U. Shippee	Stockton	Hawthorne	40 00
Second best four years old and over	H. S. Beals	Sacramento	Berlin	20 00
Best three years old	G. Valensin	Arno	Sydney	30 00
Second best three years old	J. A. McCloud	Stockton	Mt. Vernon	15 00
Best one year old	J. B. Haggin	Sacramento		15 00
Second best one year old	L. U. Shippee	Stockton		7 50
Best suckling colt	L. U. Shippee	Stockton	——, by Hawthorne	7 50
MARES.				
Best four years old and over	M. W. Hicks	Sacramento	Pearl	40 00
Second best four years old and over	L. U. Shippee	Stockton	Ryan Mare	20 00
Best three years old	W. F. Smith	Sacramento	Pansy	22 50
Best one year old	G. Valensin	Arno	Houri	10 00
Second best one year old	J. B. Haggin	Sacramento	——, by Echo	5 00

SWEEPSTAKES.					
Best stallion	L. J. Rose	San Gabriel	Sultan	Pitch'r or	100 00
Best mare	John Adams	Monticello	Bay Mare	Pitch'r or	100 00
CLASS VIII—SADDLE HORSES.					
Best saddle horse, mare, or gelding	B. E. Harris	San Francisco	Hector		20 00
Second best saddle horse, mare, or gelding	B. E. Harris	San Francisco	Leo		10 00
CLASS IX—JACKS, JENNIES, AND MULES.					
Best jack four years old and over	W. A. Munion	Dixon	Black Sampson		40 00
Second best jack four years old and over	L. U. Shippee	Stockton	Castilian		20 00
Best jack two years old	Henry Klemp	Pleasant Grove	Jumbo, Jr.		20 00
Second best jack two years old	L. U. Shippee	Stockton	Major Kent		10 00
Best suckling jack	L. U. Shippee	Stockton	——, by Castilian		7 50
JENNIES.					
Best four years old and over	W. A. Munion	Dixon	Black Fannie		30 00
Second best four years old and over	L. U. Shippee	Stockton			15 00
Best two years old	L. U. Shippee	Stockton			11 25
Best one year old	L. U. Shippee	Stockton			7 50
Best suckling	L. U. Shippee	Stockton	——, Black, by Castilian		7 50
MULES.					
Best span work mules	W. L. Pritchard	Sacramento	May and Polly		18 75
SPECIAL PREMIUM.					
One pair Shetland ponies	W. S. Leake	Dixon			5 00
CLASS 1—DURHAM CATTLE—BULLS.					
Best three years old and over	C. Younger	San José	Forest King		30 00
Best two years old	E. Younger	San José	Kirke Levington of F. H.		30 00
Second best two years old	C. M. Stetson	Ceres	Louan Duke		15 00
Best one year old	C. Younger	San José	2d Forest King		20 00
Second best one year old	Chas. Scott	Napa	Oxford Duke		10 00
Best bull calf	C. Younger	San José	6th Forest King		15 00
Second best bull calf	M. Wick	Oroville	Master Mazurk		7 50
COWS.					
Best three years old and over	C. Younger	San José	Jessie Maynard		40 00
Second best three years old and over	M. Wick	Oroville	Gem		20 00
Best two years old	C. Younger	San José	14th Red Dolly		30 00
Second best two years old	E. Younger	San José	13th Red Dolly		15 00

FIRST DEPARTMENT—Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Premium.
Best one year old	C. Younger	San José	Oxford Rose 4th	$20 00
Second best one year old	C. Younger	San José	14th Rose of Forest Home	10 00
Best heifer calf	C. Younger	San José	7th Sprightly	15 00
Second best heifer calf	C. Younger	San José	17th Rose of Forest Home	7 50
JERSEY CATTLE—BULLS.				
Best three years old and over	Thos. Waite	Brighton	Jersey Prince	40 00
Second best three years old and over	James Askew	El Dorado	Duke of El Dorado	20 00
Best two years old	Thos. Ward	Oakland	William	30 00
Second best two years old	Wm. Hook	Sacramento	Gilroy	15 00
Best one year old	R. Noell	Grass Valley	Jersey Duke	20 00
Second best one year old	Thos. Waite	Brighton	John Rooney	10 00
Best bull calf	James Askew	El Dorado	4th Duke of El Dorado	15 00
Second best bull calf	A. L. Nichols	Sacramento	Banquo	7 50
COWS.				
Best three years old and over	R. Noell	Grass Valley	Katie	40 00
Second best three years old and over	Robt. Beck	San Francisco	Pauline	20 00
Best two years old	Thos. Ward	Oakland	Oakland Queen	30 00
Second best two years old	A. L. Nichols	Sacramento	Almet	15 00
Best one year old	R. Noell	Grass Valley	1st Jersey Belle of G. V.	20 00
Second best one year old	Thos. Waite	Brighton	Topsy	10 00
Best heifer calf	Robert Beck	San Francisco	Amanda	15 00
Second best heifer calf	R. Noell	Grass Valley	1st Duchess of Grass Val'y	7 50
DEVON CATTLE—BULLS.				
Best three years old and over	A. J. Hutchinson	Los Angeles	Burnett 3d	30 00
Best two years old	A. J. Hutchinson	Los Angeles	Columbus P	22 50
Best one year old	A. J. Hutchinson	Los Angeles	Hugo 2d	15 00
Best bull calf	A. J. Hutchinson	Los Angeles	Bideford	11 25
COWS.				
Best three years old and over	A. J. Hutchinson	Los Angeles	Lovely 34th	30 00
Best two years old	A. J. Hutchinson	Los Angeles	Helene 54th	22 50
Best one year old	A. J. Hutchinson	Los Angeles	Lovely 37th	15 00
Best heifer calf	A. J. Hutchinson	Los Angeles	Maid of Torridge	11 25

AYRSHIRE CATTLE—BULLS.					
Best three years old and over	L. Stanford	Vina	Alexis		40 00
Second best three years old and over	Geo. Bement	Redwood	Archie		20 00
Best two years old	L. Stanford	Vina	Menlo		30 00
Second best two years old	Geo. Bement	Redwood	Hector		15 00
Best one year old	Geo. Bement	Redwood	San Mateo		15 00
Best bull calf	Geo. Bement	Redwood	Clipper		15 00
Second best bull calf	L. Stanford	Vina	Buton		7 50
COWS.					
Best three years old and over	Geo. Bement	Redwood	Elaine		40 00
Second best three years old and over	L. Stanford	Vina	Florence		20 00
Best two years old	Geo. Bement	Redwood	Sybil		30 00
Second best two years old	L. Stanford	Vina	Sadie		15 00
Best one year old	Geo. Bement	Redwood	Marian		15 00
Best heifer calf	Geo. Bement	Redwood	Sybilla		15 00
Second best heifer calf	L. Stanford	Vina	Alenia		7 50
HEREFORD CATTLE—BULLS.					
Best one year old	Capt. Kohl	San Mateo	Count Tredegar		20 00
Second best one year old	Capt. Kohl	San Mateo	Vanguard		10 00
Best bull calf	Capt. Kohl	San Mateo	Duke of Normandy		11 25
COWS.					
Best three years old and over	Capt. Kohl	San Mateo	Violette 2d		30 00
Best two years old	Capt. Kohl	San Mateo	Temptress 1st		22 50
Best heifer calf	Capt. Kohl	San Mateo	Kate 1st		11 25
HOLSTEIN CATTLE—BULLS.					
Best three years old and over	Mrs. E. D. Knott	La Honda	Anson		40 00
Second best three years old and over	L. Stanford	Vina	Nero of California		20 00
Best two years old	L. Stanford	Vina	Young Kurt		22 50
Best one year old	L. Stanford	Vina	Tehama		20 00
Second best one year old	H. W. Meek	San Lorenzo	Juror		10 00
Best bull calf	H. W. Meek	San Lorenzo	Cassius		15 00
Second best bull calf	L. Stanford	Vina	Luther		7 50
COWS.					
Best three years old and over	L. Stanford	Vina	Maid of Goshen		30 00
Best two years old	H. W. Meek	San Lorenzo	Lady Bertha		30 00
Second best two years old	H. W. Meek	San Lorenzo	Rigolette		15 00
Best one year old	L. Stanford	Vina	Nadine		15 00

FIRST DEPARTMENT—Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Premium.
Best heifer calf	H. W. Meek	San Lorenzo	Alameda Maid	$15 00
Second best heifer calf	L. Stanford	Vina	Mayfly	7 50
DURHAM HERDS.				
Best herd over two years old	C. Younger	San José		60 00
Best herd under two years old	C. Younger	San José		30 00
JERSEY HERDS.				
Best herd over two years old	R. Noell	Grass Valley		60 00
Best herd under two years old	Robt. Beck	San Francisco		22 50
DEVON HERDS.				
Best herd of any age	A. J. Hutchinson	Los Angeles		45 00
AYRSHIRE HERDS.				
Best herd of any age	L. Stanford	Vina		Silver pitcher.
HEREFORD HERDS.				
Best herd of any age	Capt. Kohl	San Mateo		$45 00
HOLSTEIN HERDS.				
Best herd of any age	H. W. Meek	San Lorenzo		60 00
CLASS II—GRADED CATTLE.				
Best three years old and over	C. Younger	San José	Widow	30 00
Best two years old	R. J. Merkley	Sacramento	Nellie	7 50
Best one year old	R. J. Merkley	Sacramento	May Queen	5 00
Best heifer calf	P. H. Murphy	Brighton	Daisy	5 00
CLASS III—SWEEPSTAKES.				
Best bull of any age or breed	C. Younger	San José	Forest King	100 00
Best cow of any age or breed	Paige & Johnson	Los Angeles	Miss Fyfe 3d	100 00
Best bull and three of his calves	E. Younger	San José	Kirke Levington of F. H. and three calves	100 00
FAT CATTLE.				
Fattest cow of any age or breed	C. Younger	San José	Golden Gate 2d	7 50

SPECIAL PREMIUMS—ABERDEEN ANGUS CATTLE.				
Best bull three years old and over	Paige & Johnson	Los Angeles	Young Favorite 4th	30 00
Best cow three years old and over	Paige & Johnson	Los Angeles	Miss Fyfe 3d	30 00
Best bull one year old	Paige & Johnson	Los Angeles	Fred Douglas	15 00
Best cow one year old	Paige & Johnson	Los Angeles	Ela Angus	15 00
Best heifer calf	Paige & Johnson	Los Angeles	Ela Fyfe	11 25
Best herd	Paige & Johnson	Los Angeles	Augus herd	45 00
SPECIAL PREMIUM.				
Four heifer calves	M. Wick	Oroville		20 00
CLASS I—SHEEP—FRENCH MERINO.				
Best ram two years old and over	J. Roberts	Wash. Corners	Gamester 3d	22 50
Best ram one year old and under two	J. Roberts	Wash. Corners	Fernando	16 87½
Best three ram lambs	J. Roberts	Wash. Corners		16 87½
Best pen of five ewes two years old and over	J. Roberts	Wash. Corners		16 87½
Best pen of five ewes one year old and under two	J. Roberts	Wash. Corners		16 87½
Best pen of five ewe lambs	J. Roberts	Wash. Corners		16 87½
Best ram and five of his lambs	J. Roberts	Wash. Corners	Gamester 3d and 5 lambs	22 50
SPANISH MERINO.				
Best ram two years old and over	F. Bullard	Woodland	Vermont	22 50
Best ram one year old and under two	F. Bullard	Woodland	Long Wool, Jr.	16 87½
Best three ram lambs	F. Bullard	Woodland		16 87½
Best pen of five ewes two years old and over	F. Bullard	Woodland		16 87½
Best pen of five ewes one year old and under two	F. Bullard	Woodland		16 87½
Best pen of five ewe lambs	F. Bullard	Woodland		16 87½
Best ram and five of his lambs	F. Bullard	Woodland	Vermont and 5 lambs	16 87½
COTSWOLD.				
Best ram of any age	E. Younger	San José	Early Morn	11 25
Best pen of ewes of any age	E. Younger	San José		11 25
SOUTHDOWN.				
Best ram of any age	Geo. Bement	San Mateo	Sonoma	11 25
Best pen of ewes of any age	Geo. Bement	San Mateo		11 25
SWEEPSTAKES.				
Best ram of any age or breed	F. Bullard	Woodland	Vermont and lambs	50 00
GOATS.				
Best buck two years old and over	Julius Weyand	Little Stony	Harris	15 00

FIRST DEPARTMENT—Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Premium.
Best buck under two years old	Julius Weyand	Little Stony	Sultan	$12 50
Best pen of three does two years old and over	Julius Weyand	Little Stony		11 25
Best pen of three does under two years old	Julius Weyand	Little Stony		9 37½
GRADED GOATS.				
Best pen of three does two years old and over	Julius Weyand	Little Stony		7 50
Best pen of three does under two years old	Julius Weyand	Little Stony		5 62½
Best herd of ten	Julius Weyand	Little Stony		22 50
CLASS I—SWINE—BERKSHIRE.				
Best boar two years old and over	S. Mateo St'k F'm	San Mateo	Abraham	20 00
Second best boar two years old and over	Jno. Kennedy	Sacramento	Prince	10 00
Best boar under two years old	Jno. Rider	Sacramento	Royal Bismarck	11 25
Best boar six months old and under one year	S. Mateo St'k F'm	San Mateo	Airlie	10 00
Second best boar six months old and under one year	S. Mateo St'k F'm	San Mateo	Aleck	5 00
Best breeding sow	S. Mateo St'k F'm	San Mateo	Hopton Lass 2d	20 00
Second best breeding sow	John Rider	Sacramento	Peerless C	10 00
Best sow six months old and under one year	S. Mateo St'k F'm	San Mateo	Beauty	7 50
Best pair of pigs under six months old	S. Mateo St'k F'm	San Mateo	Countess and Baron	15 00
Second best pair of pigs under six months old	S. Mateo St'k F'm	San Mateo	Knight and Duchess	7 50
ESSEX.				
Best boar six months old and under one year	Taylor Beach	San José	Tarbox	7 50
Best sow six months old and under one year	Taylor Beach	San José	Blonde	7 50
POLAND-CHINA.				
Best boar two years old and over	Jas. Miloni	Davis	Tom Dallas	15 00
Best boar under two years old	Jas. Miloni	Davis	Arthur	15 00
Second best boar under two years old	M. Wick	Oroville	Frank	7 50
Best boar six months old and under one year	Jas. Miloni	Davis	Tom Duke	7 50
Best breeding sow	Jas. Miloni	Davis	Bessie	5 00
Best pair of pigs under six months old	Jas. Miloni	Davis		11 25
SWEEPSTAKES.				
Best boar of any age or breed	S. Mateo St'k F'm	San Mateo	Abraham	30 00
Best sow of any age or breed	John Rider	Sacramento	Peerless C	30 00
Best pen of six pigs under six months old	S. Mateo St'k F'm	San Mateo		20 00

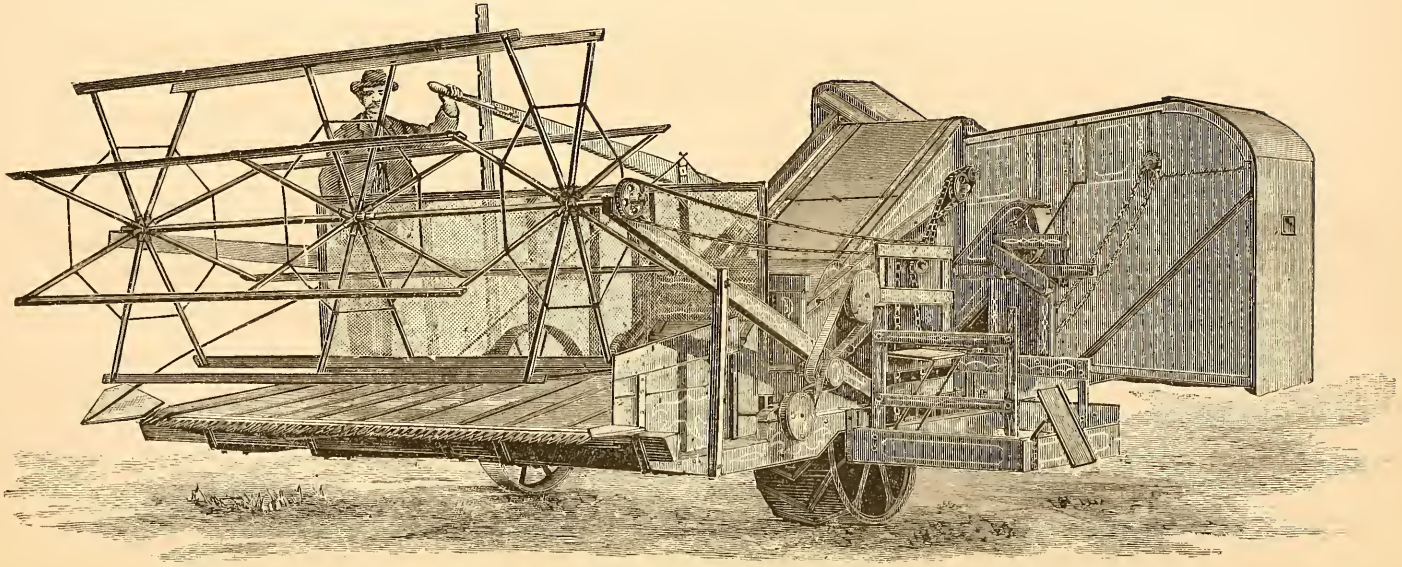
Best family—one boar, two sows, and six pigs	S. Mateo St'k F'm	San Mateo	Abraham, Hopton Lass 2d, Beauty, and 6 pigs	25 00
POULTRY.				
Best pair Light Brahma fowls	R. G. Head	Napa		5 00
Second best pair Light Brahma fowls	Thos. Waite	Brighton		3 00
Best pair Light Brahma chicks	R. G. Head	Napa		5 00
Second best pair Light Brahma chicks	Thos. Waite	Brighton		3 00
Best pair Langshan fowls	R. G. Head	Napa		5 00
Second best pair Langshan fowls	Thos. Waite	Brighton		3 00
Best pair Langshan chicks	R. G. Head	Napa		5 00
Second best pair Langshan chicks	Thos. Waite	Brighton		3 00
Best pair Buff Cochin fowls	Thos. Waite	Brighton		5 00
Best pair Buff Cochin chicks	Thos. Waite	Brighton		5 00
Second best pair Buff Cochin chicks	R. G. Head	Napa		3 00
Best pair Plymouth Rock fowls	Thos. Waite	Brighton		5 00
Second best pair Plymouth Rock fowls	R. G. Head	Napa		3 00
Best pair Plymouth Rock chicks	E. I. Robinson	Sacramento		5 00
Second best pair Plymouth Rock chicks	Thos. Waite	Brighton		3 00
Best pair Black Leghorn fowls	R. G. Head	Napa		5 00
Best pair Black Leghorn chicks	R. G. Head	Napa		5 00
Second best pair Black Leghorn chicks	Thos. Waite	Brighton		3 00
Best pair Brown Leghorn fowls	Thos. Waite	Brighton		5 00
Second best pair Brown Leghorn fowls	R. G. Head	Napa		3 00
Best Brown Leghorn chicks	Thos. Waite	Brighton		5 00
Second best Brown Leghorn chicks	R. G. Head	Napa		3 00
Best pair White Leghorns	R. G. Head	Napa		5 00
Second best pair White Leghorns	Thos. Waite	Brighton		3 00
Best White Leghorn chicks	R. G. Head	Napa		5 00
Second best White Leghorn chicks	Thos. Waite	Brighton		3 00
Best pair Black Spanish	F. S. George	Sacramento		5 00
Second best pair Black Spanish	E. I. Robinson	Sacramento		3 00
Best pair Black Spanish chicks	F. S. George	Sacramento		5 00
Second best pair Black Spanish chicks	E. I. Robinson	Sacramento		3 00
Best pair Houdans	Thos. Waite	Brighton		5 00
Best pair Houdan chicks	Thos. Waite	Brighton		5 00
Second best pair Houdan chicks	R. G. Head	Napa		3 00
Best pair Silver Spangled Hamburgs	Thos. Waite	Brighton		5 00
Second best pair Silver Spangled Hamburgs	R. G. Head	Napa		3 00
Best pair Silver Spangled Hamburg chicks	Thos. Waite	Brighton		5 00
Second best pair Silver Spangled Hamburg chicks	R. G. Head	Napa		3 00
Best pair Game chickens	R. G. Head	Napa		5 00
Second best pair Game chickens	A. L. Nichols	Sacramento		3 00
Best pair Black Cochins	A. L. Nichols	Sacramento		5 00

FIRST DEPARTMENT—Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Premium.
Best pair Partridge Cochins	Thos. Waite	Brighton		$5 00
Second best pair Partridge Cochins	R. G. Head	Napa		3 00
Best pair of Bronze turkeys	R. G. Head	Napa		10 00
Second best pair of Bronze turkeys	Thos. Waite	Brighton		5 00
Best pair of Wild turkeys	R. G. Head	Napa		10 00
Second best pair of Wild turkeys	Thos. Waite	Brighton		5 00
Best pair Toulouse geese	R. G. Head	Napa		5 00
Second best pair Toulouse geese	R. G. Head	Napa		3 00
Best pair Rouen ducks	R. G. Head	Napa		5 00
Second best pair Rouen ducks	Thos. Waite	Brighton		3 00
Best pair Pekin ducks	R. G. Head	Napa		5 00
Second best pair Pekin ducks	Thos. Waite	Brighton		3 00

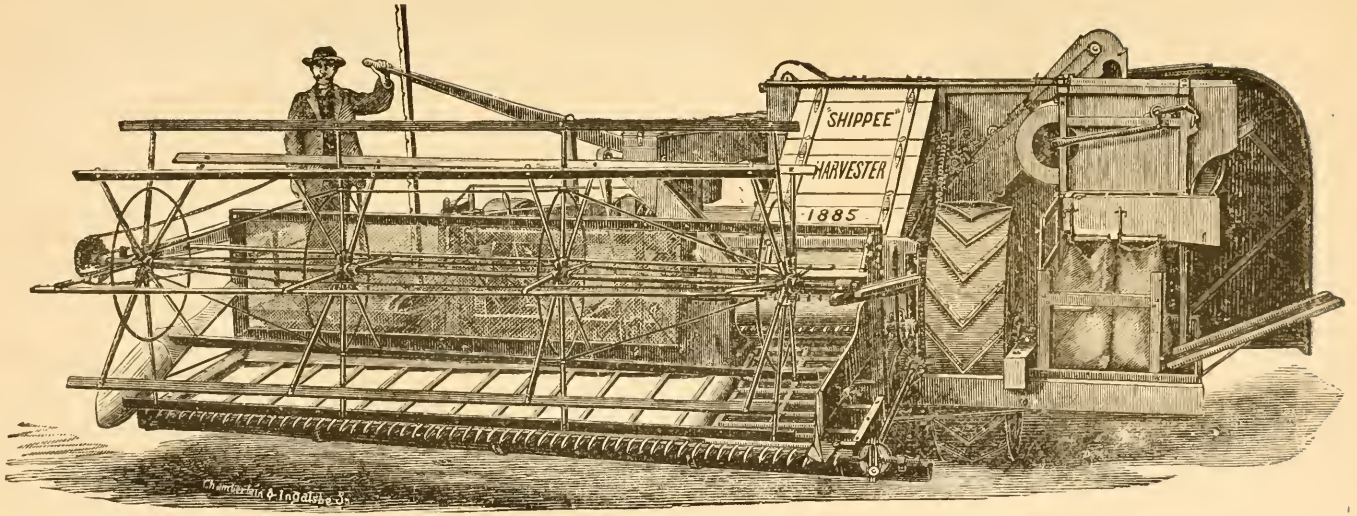
THE SHIPPEE COMBINED HARVESTER.

No. 1.



THE SHIPPEE COMBINED HARVESTER.

No. 2.



Report of Committee Appointed by the State Board of Agriculture to Examine Combined Harvesters.

MR. PRESIDENT: Your committee that was directed to examine the various combined harvesters in the field, beg leave to report that they have performed that duty, having examined, in operation in the field, about fifteen machines, embracing seven different patterns, viz.: The Howser, Young, Powell, Shippee, Holt, Benton, and Emerson. Practical tests were made, in fields, of heavy "down" grain, light grain, and in grain badly fouled with weeds. After this examination, we are of the opinion that the "Shippee Machine" is the most practical, will put grain in the sack at the least expense and in the best condition. For these reasons we recommend that the Society's premium be awarded to the Shippee Combined Harvester.

(Signed.)

JOHN BOGGS.
P. A. FINIGAN.
GEORGE W. HANCOCK.
CHRIS. GREEN.
J. D. CARR.
H. M. LA RUE.

SECOND DEPARTMENT.

MACHINERY, IMPLEMENTS, ETC.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
J. L. Heald	Crockett	Portable steam engine	$30 00
R. A. Rose	Sacramento	Iron turning lathe	$5 00
B. Jackson	San Francisco	Best steam engine	$30 00
Cal. Fire Apparatus Co.	San Francisco	Climax Fire Extinguisher	Dip. & prem. rec.
San Francisco Tool Co.	San Francisco	Best display of machinery from one shop	$50 00
Joshua Hendy Co.	San Francisco	Upright engine and boiler	Silver medal.
B. Jackson	San Francisco	Apparatus for raising water	$20 00
Thomson & Evans	San Francisco	Apparatus for raising water (deep well pump)	Silver medal.
J. M. Wiles	San Francisco	Apparatus for raising water (horse-power pump)	Diploma rec'd.
J. L. Heald	Crockett	Apparatus for raising water (horse-power pump)	Diploma rec'd.
Cavanaugh & Fredricks	San Francisco	Feed pump	Silver medal.
CLASS II.			
Northwestern Mf'g Co.	Oakland	Best thrashing machine	$30 00
Baker & Hamilton	Sacramento	Best display of agricultural machinery by one house	$50 00
Geo. Bull & Co.	San Francisco	Best cross-cut sawing machine (horse or steam power)	Diploma.
Henry Tyack	San Francisco	Best cider and wine press	Diploma.
Holman, Stanton & Co.	Sacramento	Best horse hay rake	$5 00
Holman, Stanton & Co.	Sacramento	Best power corn sheller	Diploma.
Geo. G. Wickson	San Francisco	Best hay and straw cutter	Diploma.
J. F. Hill & Co.	Sacramento	Best Miller's patent hay press	Gold medal.
Heilbron & Co.	Sacramento	Best hand corn sheller	Diploma.
Heilbron & Co.	Sacramento	Best lawn mower	Diploma.
Huntington, Hopkins & Co.	Sacramento	Best post-hole auger	Diploma.
Huntington, Hopkins & Co.	Sacramento	Best lawn sprinkler	Diploma.
R. A. Rose	Sacramento	Best well auger	$5 00
CLASS III.			
Judson Manufacturing Co.	Oakland	Best mowing machine	$10 00
B. F. Smith & Co.	Sacramento	Best reaping machine	$10 00
B. F. Smith & Co.	Sacramento	Best potato digger	Diploma.
B. F. Smith & Co.	Sacramento	Best self-raking reaping machine	$10 00
B. F. Smith & Co.	Sacramento	Best double shovel plow	Diploma.
Baker & Hamilton	Sacramento	Best header (Cal. manufacture)	$40 00
Baker & Hamilton	Sacramento	Best broadcast sowing machine	$10 00
Baker & Hamilton	Sacramento	Best comb'd reaper and mower	$10 00
Baker & Hamilton	Sacramento	Best display of mowing and reaping knives	$5 00
Baker & Hamilton	Sacramento	Best potato planter	$5 00
Baker & Hamilton	Sacramento	Best horse hoe	Diploma.
John D. Winters	Yolo	Best net for header wagon	$5 00
Byron Jackson	San Francisco	Best derrick for stacking grain	$10 00
Byron Jackson	San Francisco	Best self-feeder for thrashing machine	$10 00
Byron Jackson	San Francisco	Best hay hoist	$15 00
Byron Jackson	San Francisco	Best hay pitching, loading, and stacking machine	Diploma.
K. W. Jones	Lemoore	Best land roller (model)	Special mention.
N. McLean	Watsonville	Best cultivator	$10 00
Holman, Stanton & Co.	Sacramento	Best wheat drill	$10 00
Holman, Stanton & Co.	Sacramento	Best one horse cart	$5 00
Heilbron & Co.	Sacramento	Best self-binding harvester	$20 00
Heilbron & Co.	Sacramento	Best harrow (Corbin's Disk)	Special mention.

SECOND DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Geo. G. Wickson	San Francisco	Best harrow	$10 00
Geo. Bull & Co.	San Francisco	Best power corn planter	$5 00
Geo. Bull & Co.	San Francisco	Best hand corn planter	$2 00
Wm. Gutenberger	Sacramento	Best field roller and crusher	$10 00
Shippee Comb'd Harvester Manufacturing Company	Stockton	Combined harvester	Special gold med.
CLASS V.			
J. L. Heald	Crockett	Best barley crusher	$10 00
John Klees & Co.	Sacramento	Best Cutt's improved fanning mill	$5 00
W. V. Ensley	San José	Best beehive	$3 00
T. M. Lash	Sacramento	Best farm gate	$10 00
B. F. Smith & Co.	Sacramento	Best windmill	$25 00
Root, Neilson & Co.	Sacramento	Best improved separator for thrasher	$10 00
Huntington, Hopkins & Co.	Sacramento	Best platform scales	Diploma.
Baker & Hamilton	Sacramento	Best display of haying and harvesting tools	$10 00
Baker & Hamilton	Sacramento	Best farm road scraper	$5 00
Baker & Hamilton	Sacramento	Best garden seed drill	$2 00
Baker & Hamilton	Sacramento	Best clothes wringer	Diploma.
Baker & Hamilton	Sacramento	Best mangle or ironing machine	Diploma.
M. D. Reed & Co.	San Francisco	Best force pump	$10 00
T. M. Lash	Sacramento	Best fruit gatherer	Silver medal.
Geo. G. Wickson	San Francisco	Best butter worker	Diploma.
Geo. G. Wickson	San Francisco	Best cream and milk separator	Silver medal.
E. W. Melvin	Sacramento	Best washing machine	$5 00
E. W. Melvin	Sacramento	Best churn	$5 00
Joseph Wagner	San Francisco	Best farm feed and malt mill with attachment	Silver medal.
Huntington, Hopkins & Co.	Sacramento	Best cabbage cutter	$2 00
Huntington, Hopkins & Co.	Sacramento	Best sausage meat cutter and stuffer	$2 00
CLASS VI.			
B. F. Smith & Co.	Sacramento	Best gang plow	$25 00
B. F. Smith & Co.	Sacramento	Best sod plow	$5 00
B. F. Smith & Co.	Sacramento	Best steel plow	$5 00
Baker & Hamilton	Sacramento	Best subsoil plow	$5 00
Oliver Chilled Plow Works	San Francisco	Best chilled plow	$5 00
Oliver Chilled Plow Works	San Francisco	Best plow for all purposes	$5 00
Holman, Stanton & Co.	Sacramento	Best dynamometer	$5 00
Heilbron & Co.	Sacramento	Best cast-iron plow	$5 00
Heilbron & Co.	Sacramento	Best one-horse plow	$5 00
Geo. Bull & Co.	San Francisco	Best stubble plow	$5 00
H. G. Knapp	San Francisco	Best sidehill plow	$5 00
Hawley Bros. & Co.	San Francisco	Best sulky plow	$10 00
A. Fitch	Santa Cruz	Best ditching plow	Diploma.
CLASS VII.			
Baker & Hamilton	Sacramento	Best farm wagon (wood or iron)	$20 00
Studebaker M. Co.	San Francisco	Best two-seated open wagon	$15 00
Studebaker M. Co.	San Francisco	Best skeleton wagon	Prem. rec'd.
Studebaker M. Co.	San Francisco	Best track sulky	$5 00
M. J. McCue	San Francisco	Best landau, ironed	$25 00
M. J. McCue	San Francisco	Best coupélet	$25 00
M. J. McCue	San Francisco	Best cabriolet	$30 00
J. F. Hill	Sacramento	Best end-spring top buggy	Dip. and $15 00
J. F. Hill	Sacramento	Best two-seated open wagon, side bar	Prem. rec'd.
J. F. Hill	Sacramento	Best trotting wagon	$10 00
J. F. Hill	Sacramento	Best business wagon	$10 00
J. F. Hill	Sacramento	Best exhibit of wagon and carriage wheels (Cal. timber)	Diploma.
J. F. Hill	Sacramento	Best exhibit of California grown wood	Diploma.

SECOND DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Nielsen Bros.	Sacramento	Best doctor's phaeton	Prem. rec'd.
Nielsen Bros.	Sacramento	Best Windsor buggy	Prem. rec'd.
Nielsen Bros.	Sacramento	Best Dexter Queen buggy	Prem. rec'd.
R. T. Kelly	Tres Pinos	Best improved buckboard	Prem. rec'd.
Wm. E. Shaw	San Francisco	Best pleasure cart	$10 00
Wm. F. Shaw	San Francisco	Best open buggy	$10 00
A. Meister	Sacramento	Best family carriage	$30 00
A. Meister	Sacramento	Best ladies' phaeton	$10 00
J. A. Bilz	Pleasanton	Best improved carts	Spec. prem. rec'd.
Palen Bros.	Sacramento	Best end-spring open buggy	Prem. rec'd.
Palen Bros.	Sacramento	Best spring market wagon	$10 00
Frank Knox	Woodland	Best breaking cart	$10 00
MISCELLANEOUS.			
C. Sanborn	San Francisco	Chain pulley	Hon. mention.
J. L. Heald	Crockett	Hydraulic wine press	Diploma.
J. L. Heald	Crockett	Power grape crusher, stemmer, and elevator	Hon. mention.
J. L. Heald	Crockett	Hand grape crusher, stemmer, and elevator	Hon. mention.
J. L. Heald	Crockett	Steam engine governor	Diploma.
Judson Manufacturing Co.	Oakland	Orchard harrow	Diploma.
R. A. Rose	Sacramento	Steam well-boring machine	Silver medal.
J. B. Newland	Sacramento	Patent jack for raising wagon	Hon. mention.
J. W. Beam	Sacramento	Barb-wire machine	Hon. mention.
T. P. Taylor	Sacramento	Rocking grate for steam boiler	Hon. mention.
Souney Bros.	Sacramento	Boss teeth	Silver medal.
Geo. Goodman	San Francisco	Artificial stone work	Hon. mention.
B. Jackson	San Francisco	Unloader for header wagon	Hon. mention.
Holman, Stanton & Co.	Sacramento	Portable blacksmith forge	Hon. mention.
Holman, Stanton & Co.	Sacramento	Portable blacksmith blower	Hon. mention.
Holman, Stanton & Co.	Sacramento	Wagon jack	Hon. mention.
Truman & Isham	San Francisco	Header truck gear	Hon. mention.
G. G. Wickson	San Francisco	Singletree	Hon. mention.
J. R. McConnell	San Francisco	Riding attachment for plow	Diploma.
G. M. Prusell & Co.	San Francisco	Carpet sweeper	Hon. mention.
San Francisco Tool Co.	San Francisco	Best assortment of tools	Diploma.
Joshua Hendy Co.	San Francisco	Portable engine and boiler combined	Diploma.
Clot & Meese	San Francisco	Power transmitting machinery	Diploma.
G. G. Wickson & Co.	San Francisco	Milk strainer	Diploma.
Cal. Fire Apparatus Co.	San Francisco	Climax fruit tree and vine sprayer, Climax hose cart, Climax spray pump	Silver medal.
E. W. Melvin	Sacramento	Cash box register	Hon. mention.
M. D. Reed	San Francisco	Patent mechanical water lifter	Hon. mention.
Geo. Cumming & Co.	San Francisco	Best portable forge	Diploma.
Geo. Cumming & Co.	San Francisco	Best hand blower	Diploma.
Jas. Linforth	San Francisco	Best sugar mill	Diploma.
J. S. Tibbals	San Francisco	Sewer trap	Hon. mention.

THIRD DEPARTMENT.

TEXTILE FABRICS.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
Ziemer Bros.	Sacramento	Fancy goods	$20 00
Lipman & Co.	Sacramento	Drygoods	$20 00
Weinstock & Lubin	Sacramento	Drygoods	Gold medal.
Locke & Lavenson	Sacramento	Carpet	Silver medal.
M. H. Ober & Co.	San Francisco	Exhibition of corsets, waist and shoulder braces	Silver medal.
Charles Peake & Co.	San Francisco	Turkish rug	Silver medal.
John F. Slater	Sacramento	Silk hat	$5 00
John F. Slater	Sacramento	Soft hat	$5 00
John F. Slater	Sacramento	Display of hats and caps	Silver medal.
J. B. Hoit	Suisun	Sample of Cal. wool, Shropshire, and crosses with Spanish merino; 1st, 2d, and 3d crosses	Diploma.
Frank Bullard	Woodland	Sample of Cal. wool, full-bred Spanish Merino	Diploma.
J. H. Glide	Sacramento	Sample of Cal. wool, full-bred Spanish Merino	Diploma.
W. R. Gallup	Sacramento	Sample Cal. wool, good clothing wool	Diploma.
California Wool Co.	San Francisco	Sample Cal. wool, scoured wools	Silver medal.
Julius Weyand	Little Stony	Sample of full-bred Mohair	Silver medal.
CLASS II.			
Ziemer Bros.	Sacramento	Display of children's clothing, Cal. make	Silver medal.
Mrs. William Lyon	Sacramento	Ottoman cover	$5 00
Mrs. William Lyon	Sacramento	Table cover, embroidered	$5 00
Mrs. William Lyon	Sacramento	Embroidered sofa cushion	$5 00
Mrs. William Lyon	Sacramento	Embroidered wall panel	$3 00
Mrs. William Lyon	Sacramento	Embroidered picture	$5 00
Mrs. William Lyon	Sacramento	Arraseno embroidery	$3 00
Mrs. William Lyon	Sacramento	Handsomest display of fancy articles	$20 00
Mrs. R. S. Carey	Sacramento	Embroidered chair seat	$3 00
Mrs. L. A. Estridge	Sacramento	Crochet shawl	$5 00
Mrs. F. A. Arnold	San Francisco	Display of Kensington work	$5 00
Mrs. F. A. Arnold	San Francisco	Embroidered fire screen	$5 00
Mrs. F. A. Arnold	San Francisco	Display of Turkish embroidery	$5 00
Mrs. L. G. Stever	Sacramento	Applique work	$3 00
Mrs. L. G. Stever	Sacramento	Display of bead work	$5 00
Mrs. L. G. Stever	Sacramento	Specimen of braid work	$5 00
Mrs. P. G. Martin	Galt	Table scarf	$3 00
Mrs. E. M. Wiedmann	Sacramento	Silk embroidery	$5 00
Mrs. E. M. Wiedmann	Sacramento	Chair seat, in Kensington	$3 00
Miss M. James	San Francisco	Embroidered ladies' dress	$5 00
Miss M. James	San Francisco	Handsomest made dress for lady	Silver medal.
Floy Bassett	Sacramento	Embroidered handkerchief	$3 00
Anna M. Anderson	Suisun	Chenille work	$5 00
Mrs. A. W. Morrill	Sacramento	Hearth rug	$5 00
Mrs. M. A. Kennedy	Sacramento	Knit bedspread	$5 00
Misses Brothers	Sacramento	Display of millinery	$20 00
Misses Brothers	Sacramento	Velvet bonnet	$5 00
Misses Brothers	Sacramento	Velvet hat	$5 00
Misses Brothers	Sacramento	Silk bonnet	$5 00
Misses Brothers	Sacramento	Display of feathers	$10 00
Misses Brothers	Sacramento	Variety of artificial flowers	$10 00
Lottie C. Parish	Dixon	Wax flowers	$5 00
Hattie Sims	Sacramento	Darned netting pillow and sheet shams	$5 00

THIRD DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Mrs. M. A. Stoddard	Lodi	Moss and lichen work	$3 00
Mrs. M. A. Stoddard	Lodi	Shell work	$3 00
Mrs. Frank Henley	Sacramento	Crochet bedspread	$5 00
Mrs. W. P. Michner	San Francisco	Silk quilt	$5 00
Mrs. P. H. Murphy	Brighton	Patchwork quilt	$5 00
Mrs. Thomas Cotter	Sacramento	Child's afghan	$3 00
Mrs. H. Wachhorst	Sacramento	Wax statuary	$3 00
Mrs. H. Wachhorst	Sacramento	Display of skeleton leaves	$3 00
Miss Laura M. Tilden	Sacramento	Outline embroidery	$3 00
Miss M. E. McCormick	San Francisco	Lambrequin	$5 00
Miss Josie Wittenbrock	Sacramento	Fine lace work	$3 00
Mrs. J. G. Storch	Sacramento	Handsomest toilet set	$10 00
Mrs. H. Wachhorst	Sacramento	Wax Autumn leaves	$3 00
Miss Nellie De Valin	San Rafael	Display of porcelain painting	$5 00
Miss Nellie De Valin	San Rafael	Ornamental needlework	$5 00
Lizzie B. Aiken	Sacramento	Carriage afghan	$5 00
A. J. Pommer	Sacramento	Elegant machine embroidery	Silver medal.
Mrs. P. G. Martin	Galt	Piano cover	Napkin ring.
Mrs. N. Olson	Sacramento	Fancy leather frame	Napkin ring.
Miss Floy Bassett	Sacramento	Lace handkerchief	Butter knife.
Miss Emma Clarke	Sacramento	Lambrequin	Napkin ring.
Mrs. S. J. Alderman	Grass Valley	Wax flowers	Diploma.
Miss Edith Beach	Monterey	Panel painted quilt	Butter knife.
Miss Mary Perdue	Colusa	Silk crazy quilt	Napkin ring.
Miss Haste	San Francisco	Repoussé	Silver medal.
Pioneer Straw Manufacturing Co., F. Toplitz & Co., proprietors	San Francisco	Ladies' hats	Sp'l gold medal.
Mrs. M. Leman	Brighton	Display of fancy articles	Honorable men.
Miss A. Zoller	Sacramento	Hair wreath	Honorable men.
Mrs. G. A. Stoddard	Sacramento	Toilet set in water colors	Honorable men.
Mrs. Sol. Runyon	Courtland	Display of fancy articles	Honorable men.
Miss Emma Clarke	Sacramento	Display of fancy articles	Honorable men.
Mrs. W. H. Wright	Sacramento	Hand sewing	Honorable men.
Mrs. A. B. Blair	Walsh'sStat'n	Worsted wreath	Honorable men.
Mrs. E. C. Hatch	San Francisco	Porcelain painting	Honorable men.
Miss Haste	San Francisco	Porcelain painting	Honorable men.
S. & G. Gump	San Francisco	Porcelain painting	Honorable men.
Robert Shields	San Francisco	Painted sofa cushion and dinner cards	Diploma.
Mrs. J. O. Coleman	Sacramento	Worked quilt	$5 00
Mrs. Maria Larkin	Sacramento	Quilt and sofa pillow, crazy work	Diploma.
CLASS III.			
Robert Philip	Sacramento	Wood engraving	Silver medal.
E. E. Avery	Sacramento	Display of books	Silver medal.
C. S. Houghton	Sacramento	General display of stationery	Silver medal.
Day & Joy	Sacramento	Book printing	Silver medal.
JUVENILE DEPARTMENT.			
Gertie Smith	Sacramento	Cotton embroidery	Butter knife.
May Pinkham	Sacramento	Pen and ink drawing	Napkin ring.
Charles Pinkham	Sacramento	Landscape in oil	$5 00
Julia Wiseman	Sacramento	Sofa cushion	Premium recom.
Maud Schwamb	Sacramento	Silk embroidery	Butter knife.
Rettie Kennedy	Sacramento	Drawing by a minor, crayon	Premium recom.
Josephine Lugg	Newcastle	Patchwork quilt	Napkin ring.
Georgie Darwin	Santa Rosa	Crochet work	Napkin ring.
Sophie Comstock	Sacramento	Drawing by a minor	$5 00
Arthur C. Nahl	San Francisco	Specimen of free-hand pencil drawing	Premium recom.

FOURTH DEPARTMENT.

LEATHER, WORKED METALS, FURNITURE, ETC.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
A. Longshore	Sacramento	Exhibition of traveling trunks, valises, and bags	Sil. med. and $10
Main & Winchester	San Francisco	Set of double harness	Sil. med. and $10
Main & Winchester	San Francisco	Set of single harness	$10 00
Main & Winchester	San Francisco	Display of saddles and bridles	Silver medal.
A. A. Van Voorhies & Co.	Sacramento	Mexican saddles	$5 00
A. A. Van Voorhies & Co.	Sacramento	Display of leather	Silver medal.
A. A. Van Voorhies & Co.	Sacramento	Display of saddletrees	Diploma.
A. A. Van Voorhies & Co.	Sacramento	Display of shoe lasts, pegs, and lasting machine	$5 00
James Parsons	Sacramento	Pair of heavy boots	$5 00
James Parsons	Sacramento	Pair of ladies' slippers	$3 00
James Parsons	Sacramento	Pair of ladies' gaiters	$3 00
James Parsons	Sacramento	Pair bootees	$3 00
James Parsons	Sacramento	Display of men's and boys' boots and shoes, gaiters, etc.	Silver medal.
James Parsons	Sacramento	Display of ladies' and girls' boots and shoes and gaiters	Silver medal.
James Parsons	Sacramento	Gentlemen's dress shoes	$5 00
Thomas Neely & Son	Sacramento	Congress gaiters	$5 00
Thomas Neely & Son	Sacramento	Gentlemen's dress boots	Diploma.
Mrs. M. A. Stoddard	Lodi	Ten yards rag carpet	$5 00
Huntington, Hopkins & Co.	Sacramento	Display of cordage	Silver medal.
Huntington, Hopkins & Co.	Sacramento	Display rubber hose and belting	Silver medal.
Locke & Lavenson	Sacramento	Exhibition of carpets and rugs	$20
CLASS II.			
John Doyle	Sacramento	Horseshoes, hand made	Silver medal.
A. A. Van Voorhies & Co.	Sacramento	Display saddler's hardware	$10 00
Smith & Muir	Sacramento	Display of gas chandeliers and burners	$10 00
Smith & Muir	Sacramento	Display of Cal. manufactured gas chandeliers	$10 00
Shafer & Bronner	Sacramento	Display of copper work	$10 00
Shafer & Bronner	Sacramento	Display of tinware	Silver medal.
C. W. Withrow	San Francisco	Improved new Chicago coal oil lamp	Silver medal.
Huntington, Hopkins & Co.	Sacramento	Display of brass work	$10 00
Huntington, Hopkins & Co.	Sacramento	Modern building hardware	$20 00
Huntington, Hopkins & Co.	Sacramento	Display of general hardware	$20 00
Huntington, Hopkins & Co.	Sacramento	Display of iron and steel	$10 00
Huntington, Hopkins & Co.	Sacramento	Display of mechanics' tools	$20 00
Huntington, Hopkins & Co.	Sacramento	Horseshoes, machine made	Silver medal.
Huntington, Hopkins & Co.	Sacramento	Table cutlery	Silver medal.
Huntington, Hopkins & Co.	Sacramento	Pocket cutlery	$5 00
Huntington, Hopkins & Co.	Sacramento	Circular saws	$5 00
Huntington, Hopkins & Co.	Sacramento	Files	$5 00
Huntington, Hopkins & Co.	Sacramento	Pruning shears	$5 00
Huntington, Hopkins & Co.	Sacramento	Pruning knives	$5 00
W. G. Williams, agent	Sacramento	Burglar and fire-proof safe	Silver medal.
California Wire Works	San Francisco	Barb wire fencing	Sil. med. and $5
California Wire Works	San Francisco	Display of wire rope	Silver medal.
California Wire Works	San Francisco	Display of wire goods	Diploma and $5
Holbrook, Merrill & Stetson	Sacramento	Kitchen utensils of brass or copper	Diploma.
Holbrook, Merrill & Stetson	Sacramento	Milk cans	Diploma.
Phœnix Iron Works	San Francisco	Iron fencing, including post	$10 00
W. K. Vanderslice & Co.	San Francisco	Display of silverware	$25 00
Thomas Scott	Sacramento	Exhibition of lead pipe	Diploma.
Huntington, Hopkins & Co.	Sacramento	Exhibition anti-friction metal	Diploma.

FOURTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Huntington, Hopkins & Co.	Sacramento	Exhibition of shot	Diploma.
A. S. Graff & Co.	San Francisco	Display of lamps	Diploma.
A. S. Graff & Co.	San Francisco	Billiard table lamp	Diploma.
M. Metzger	San Francisco	Gas-lighter, patented	Diploma.
D. S. Brown	San Francisco	Duplex burner	Diploma.
Guthrie Bros.	Sacramento	Display of plumbers' goods and wares	Silver medal.
CLASS III.			
A. Aitken	Sacramento	Parlor grate	$3 00
Thomas Scott	Sacramento	Assortment of bathing tubs	Diploma.
Thomas Scott	Sacramento	Gas and water pipes	Diploma.
Holbrook, Merrill & Stetson	Sacramento	Cooking stove, for wood	$5 00
Holbrook, Merrill & Stetson	Sacramento	Farmers' caldrons or steamers	$5 00
Holbrook, Merrill & Stetson	Sacramento	Portable range	$5 00
Holbrook, Merrill & Stetson	Sacramento	Laundry stove	$5 00
Holbrook, Merrill & Stetson	Sacramento	Assortment of Japanese ware	$10 00
L. L. Lewis & Co.	Sacramento	Cooking stove, for coal	$5 00
L. L. Lewis & Co.	Sacramento	Cooking range	$10 00
L. L. Lewis & Co.	Sacramento	Parlor stove	$5 00
L. L. Lewis & Co.	Sacramento	Specimen of marbleized iron	$3 00
Holman, Stanton & Co.	Sacramento	Farm bell	$5 00
Shafer & Bronner	Sacramento	Oil stove	$5 00
Shafer & Bronner	Sacramento	Ornamental statuary	$5 00
Guthrie Bros.	Sacramento	Bath tubs	Diploma.
CLASS IV.			
F. R. Girard	Sacramento	Assortment of brass and silver wind instruments	Silver medal.
F. R. Girard	Sacramento	General display of musical instruments	Sil. med. and $20
F. R. Girard	Sacramento	Assortment of reed and string instruments	Silver medal.
F. R. Girard	Sacramento	Decker concert grand piano	$20 00
F. R. Girard	Sacramento	Weber square piano	$20 00
John F. Cooper	Sacramento	Mathushek upright piano	$20 00
L. K. Hammer	Sacramento	Wilcox & White organ	$20 00
Ed. E. Johnson	Sacramento	String or reed instruments, made in California	Silver medal.
Robert Fay & Co.	San Francisco	California manufactured piano	Silver medal.
CLASS V.			
John Breuner	Sacramento	Sofa	$10 00
John Breuner	Sacramento	Lounge	$5 00
John Breuner	Sacramento	Extension table	$5 00
John Breuner	Sacramento	Set of parlor chairs	$10 00
John Breuner	Sacramento	Set of parlor furniture	$20 00
John Breuner	Sacramento	Display of furniture	$20 00
John Breuner	Sacramento	Hair mattress	$5 00
John Breuner	Sacramento	Sick chair, or couch	$5 00
John Breuner	Sacramento	Spring mattress	$5 00
John Breuner	Sacramento	Display of upholstery	$10 00
Johan Nilsson	Sacramento	Display of willow furniture	$10 00
George F. Atkinson	San Francisco	Display of California woods	Silver medal.
T. S. Clark & Son	San Francisco	Woven wire spring mattress	$5 00
T. S. Clark & Son	San Francisco	Display of iron furniture	$10 00
W. D. Comstock	Sacramento	Center table	$5 00
W. D. Comstock	Sacramento	Wool mattress	$5 00
W. D. Comstock	Sacramento	Set of bedroom furniture	$10 00
CLASS VI.			
Billingsley & Co.	Sacramento	Display of cedarware	$5 00
Billingsley & Co.	Sacramento	Display of pineware	$5 00
Billingsley & Co.	Sacramento	Display of oakware	$5 00
Billingsley & Co.	Sacramento	Display of split wood baskets	$3 00
Billingsley & Co.	Sacramento	Display of osier	$5 00
Billingsley & Co.	Sacramento	Display of woodenware	$25 00

FOURTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Billingsley & Co.	Sacramento	Exhibition broom corn, brooms, and brushes	$10 00
Billingsley & Co.	Sacramento	Assortment of hair brushes	$5 00
Billingsley & Co.	Sacramento	Assortment of coopers' ware	$10 00
S. H. Miller	Sacramento	Picture frame	Hon. mention.
Johan Nilsson	Sacramento	Display of willowware	$10 00
S. & G. Gump	San Francisco	Gilt frames	Gold medal.
CLASS VII.			
R. A. Fisk & Son	Sacramento	Electric gas lighting apparatus	$5 00
R. A. Fisk & Son	Sacramento	Electric fire alarm	$10 00
R. A. Fisk & Son	Sacramento	Automatic fire alarm	$5 00
R. A. Fisk & Son	Sacramento	Electric annunciator	$5 00
R. A. Fisk & Son	Sacramento	Electric burglar alarm	$5 00
R. A. Fisk & Son	Sacramento	Electro-magnetic apparatus	Diploma.
R. A. Fisk & Son	Sacramento	Electro telegraph	Diploma.
R. A. Fisk & Son	Sacramento	Electric machine	Diploma.
R. A. Fisk & Son	Sacramento	Galvanic battery and apparatus	Diploma.
Henry Eckhardt	Sacramento	Double-barrel shotgun, California make	$5 00
Henry Eckhardt	Sacramento	Sporting rifle, California make	$5 00
Henry Eckhardt	Sacramento	Breech-loading shotgun, California make	$5 00
Henry Eckhardt	Sacramento	Game-bag, California make	$3 00
Henry Eckhardt	Sacramento	Display of firearms, Cal. make	Silver medal.
Chicago Magnetic Shields Co.	San Francisco	Magnetic shields and garments	Diploma.
A. A. McLean	San Francisco	I X L elastic truss	Silver medal.
CLASS VIII.			
Holbrook, Merrill & Stetson	Sacramento	Stove polish	Diploma.
C. S. Houghton	Sacramento	Display of writing fluid	$2 00
Billingsley & Co.	Sacramento	Huck & Lambert axle grease	Diploma.
Billingsley & Co.	Sacramento	Blacking	$2 00
Magazine Brush Mfg. Co.	San Francisco	Arper's stove luster and brushes	Diploma.
Bothin Manufacturing Co.	Sacramento	Giant baking powder	Diploma.
CLASS IX.			
Billingsley & Co.	Sacramento	Demijohns	Diploma.
Hobby & Smith	Sacramento	Fire bricks	$3 00
Hobby & Smith	Sacramento	Pressed bricks	Diploma.
Hobby & Smith	Sacramento	Pottery, various kinds	Silver medal.
Hobby & Smith	Sacramento	Display of stoneware	$10 00
Hobby & Smith	Sacramento	Floor tile	$5 00
Hobby & Smith	Sacramento	Terra cotta	Diploma.
Hobby & Smith	Sacramento	Sample of drain tile	$5 00
Thomas Scott	Sacramento	Sample of ground and cut glass	$5 00
Thomas Scott	Sacramento	Specimen of ground glass	Diploma.
Thomas Scott	Sacramento	Queensware basins	Diploma.
Church, Burns & Hancock	Sacramento	Sample of stained glass	$5 00
Church, Burns & Hancock	Sacramento	Specimen of cut glass	Diploma.
Church, Burns & Hancock	Sacramento	Flint glass	Diploma.
Church, Burns & Hancock	Sacramento	Display of chinaware, and general display of goods	Diploma.
Church, Burns & Hancock	Sacramento	Display of queensware	$5 00
Church, Burns & Hancock	Sacramento	Display of glassware	$10 00
George Muddox	Sacramento	Stoneware	$10 00
George Muddox	Sacramento	Stone pipe	Diploma.
John Carlaw & Co.	Sacramento	Dressed stone	$5 00
CLASS X.			
Mrs. M. E. Fox	Newcastle	Crystallized minerals	Silver medal.
G. N. Whittaker	Santa Rosa	Suit of the vegetable kingdom, including the woods and most useful plants and native grasses of California	Silver medal.
John Eitel	Sacramento	Display of minerals	Silver medal.
John Eitel	Sacramento	Remaining display	Diploma.

FOURTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS XI.			
A. Aitken	Sacramento	Marbleized slate mantel	Silver medal.
L. L. Lewis & Co.	Sacramento	Marbleized iron mantel	Silver medal.
Israel Luce & Co.	Sacramento	Collection of polished marble (six pieces)	$30 00
John Carlaw & Co.	Sacramento	Collection of polished California granite work (six pieces)	$30 00
CLASS XII.			
Petaluma Incubator Co.	Petaluma	Petaluma incubator	Gold medal.
G. B. Bayley	Oakland	Mother, or brooder	Diploma.

FIFTH DEPARTMENT.

GRAIN, VEGETABLES, DAIRY PRODUCTS, ETC.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
Currier & Carlson	San Francisco	Display of thrown and twisted silk in the gum, and boiled off, made in California	$50 00
Currier & Carlson	San Francisco	Display of skein, spool, knitting, and embroidery silk, made in California	$50 00
Mrs. Murray	San Francisco	California made cigars, brand Lat Kia cigar	Silver medal.
Mrs. M. A. Stoddard	Lodi	Display of silk culture, and eggs, moths, and cocoons	$25 00
CLASS II.			
J. T. O'Toole	Freeport	Australian wheat, bunch, sack	$10 00
C. McCreary & Co.	Sacramento	Patent roller flour	$20 00
A. D. Miller	Walsh Station	White wild oats, one sack	$5 00
W. R. Strong & Co.	Sacramento	Clover seed, half bushel	$5 00
W. R. Strong & Co.	Sacramento	Mesquite grass seed, half bushel	$5 00
W. R. Strong & Co.	Sacramento	Blue grass seed, half bushel	$5 00
W. R. Strong & Co.	Sacramento	Orchard grass seed, half bushel	$5 00
W. R. Strong & Co.	Sacramento	Redtop seed, half bushel	$5 00
W. R. Strong & Co.	Sacramento	Alfalfa seed, half bushel	$5 00
Mrs. Purrington	Brighton	Sample of buckwheat	$5 00
M. Wick (by P. Stanton)	Oroville	Sample of proper wheat	$10 00
M. Wick (by P. Stanton)	Oroville	Sample of club wheat	$10 00
J. L. Clark	Sacramento	Hops, 214 pounds	Silver medal.
CLASS III.			
Manuel E. DeCosta	Sacramento	Centennial potatoes	$5 00
Manuel E. DeCosta	Sacramento	Early Rose potatoes	$5 00
T. B. Lovdal	Sacramento	Display, variety Irish potatoes	$5 00
G. DeMartini	Sacramento	Sweet potatoes, half bushel	$5 00
James Rutter	Florin	Licorice root	$5 00
F. Gabricle	Sacramento	Parsnips, twelve	$3 00
F. Gabricle	Sacramento	Carrots, twelve	$3 00
F. Gabricle	Sacramento	Beets, blood, six	$3 00
Sarah Hague	Sacramento	Beets, turnip, six	$3 00
W. R. Cunnington	Nicolaus	Beets, sugar, six	$3 00
G. DeMartini	Sacramento	Tomatoes, peck	$3 00
F. Gabrielle	Sacramento	Cabbage, drumhead, six	$3 00

FIFTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
G. DeMartini	Sacramento	Cabbage, red Dutch, six	$3 00
G. DeMartini	Sacramento	Cauliflower, three heads	$3 00
G. DeMartini	Sacramento	Broccoli, three heads	$3 00
G. DeMartini	Sacramento	Lettuce, six heads	$2 00
F. Gabrielle	Sacramento	Onions, red, half peck	$3 00
G. DeMartini	Sacramento	Onions, yellow, half peck	$3 00
Frank A. Kimball	National City	Onions, white, half peck	$3 00
G. DeMartini	Sacramento	Peppers, for pickling, half peck.	$3 00
F. Gabrielle	Sacramento	Salsify, half peck	$3 00
F. Gabrielle	Sacramento	Celery, six stalks	$3 00
G. DeMartini	Sacramento	Squashes, marrow	$3 00
R. Brown	Brighton	Pumpkin, yankee	$3 00
G. DeMartini	Sacramento	Sweet corn, green	$3 00
R. Brown	Brighton	Watermelons, mountain spt.	$2 00
G. DeMartini	Sacramento	Muskmelons, green flesh	$3 00
G. DeMartini	Sacramento	Cucumbers, six	$2 00
G. DeMartini	Sacramento	Lima beans, in pod, half peck	$3 00
F. Gabrielle	Sacramento	White beans, dry, half peck	$3 00
F. Gabrielle	Sacramento	Pole beans, other than Lima	$2 00
F. Gabrielle	Sacramento	Field peas, dry, half peck	$2 00
F. Gabrielle	Sacramento	Garden peas, dry, half peck	$3 00
F. Gabrielle	Sacramento	Beans, castor oil, half peck	$3 00
F. Gabrielle	Sacramento	Variety of peas, dry, half peck	$3 00
F. Gabrielle	Sacramento	Gherkin cucumbers, half peck	$3 00
G. DeMartini	Sacramento	Egg plant, three	$3 00
G. DeMartini	Sacramento	Display and var. of vegetables	$20 00
CLASS IV.			
Bell Conservatory	Sacramento	Collection of flowering plants in bloom	$20 00
Bell Conservatory	Sacramento	Collection of ornamental foliage plants	$20 00
Bell Conservatory	Sacramento	Collec. of new and rare plants	$10 00
F. Kunz	Sacramento	Collection of roses in bloom	$10 00
F. Kunz	Sacramento	Collection of fuchsias in bloom	$10 00
F. Kunz	Sacramento	Collection of tuberoses	$10 00
F. Kunz	Sacramento	Collection of pinks	$10 00
Bell Conservatory	Sacramento	Collection of ferns	$10 00
Bell Conservatory	Sacramento	Display of cut flowers	$10 00
F. Kunz	Sacramento	Display of bouquets	$10 00
F. Kunz	Sacramento	Collection of plants suitable for greenhouse, conservatory, and window culture	$15 00
Bell Conservatory	Sacramento	Display of hanging baskets containing plants	$5 00
CLASS V.			
J. R. Jewell	Petaluma	Cheese, one year old and over	$10 00
J. R. Jewell	Petaluma	Cheese, under one year old	$10 10
J. R. Jewell	Petaluma	Display of cheese	Dip. and $15 00
CLASS VI.			
James Askew	El Dorado	Display of butter in rolls	$15 00
Thomas Waite	Brighton	Firkin butter, in tub, not less than twenty-five pounds, over three months old	$15 00
W. F. Peterson	Sacramento	Four loves of baker's bread	$3 00
Nellie O'Toole	Freeport	Raised biscuit	$2 00
Mrs. W. H. Wright	Sacramento	Soda biscuit	$2 00
Nellie O'Toole	Freeport	Domestic corn bread	$5 00
Mrs. F. C. Bailey	Brighton	Domestic rye bread	$5 00
Lizzie B. Aiken	Sacramento	Domestic brown bread	$5 00
Mrs. Sarah Serine	Sacramento	Graham bread	$5 00
Marie Walther	Sacramento	Domestic wheat bread	$5 00
Annie Kloppenburg	Sacramento	Best display of domestic bread	$10 00

FIFTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS VII.			
H. Fisher & Co.	Sacramento	Display of confectionery	Silver medal.
H. Fisher & Co.	Sacramento	General variety of candies, made in hall during the exhibition	Silver medal.
H. Fisher & Co.	Sacramento	Cases of imported fancy boxes and cake ornaments	Special mention.
John Bidwell	Chico	Amber sugar cane	Special mention.

SIXTH DEPARTMENT.

FRUITS, PRESERVES, WINE, ETC.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
G. N. Whittaker	Santa Rosa	Display and variety of apples	$25 00
I. H. Thomas	Visalia	Display and variety of apples	$20 00
John Bidwell	Chico	Display and variety of apples	$15 00
Frank A. Kimball	National City	Display and variety of apples	$10 00
G. H. Kerr	Elk Grove	Display and variety of apples	$5 00
John Bidwell	Chico	Display and variety of pears	$25 00
P. H. Murphy	Brighton	Display and variety of pears	$20 00
I. H. Thomas	Visalia	Display and variety of pears	$15 00
A. C. Gray	Marysville	Display and variety of pears	$10 00
Mrs. Purrington	Brighton	Display and variety of pears	$5 00
Williamson Brothers	Penryn	Display and variety of peaches	$25 00
I. H. Thomas	Visalia	Display and variety of peaches	$20 00
John Bidwell	Chico	Display and variety of peaches	$15 00
G. L. Threlkel	Newcastle	Display and variety of peaches	$10 00
Mrs. Kittie Walther	Sacramento	Display of orange cling peaches	$5 00
Williamson Brothers	Penryn	Display and variety of plums	$25 00
I. H. Thomas	Visalia	Display and variety of plums	$20 00
Mrs. Purrington	Brighton	Display and variety of plums	$15 00
John Bidwell	Chico	Display and variety of plums	$10 00
Mrs. M. E. Fox	Newcastle	Display and variety of plums	$5 00
P. H. Murphy	Brighton	Display of green figs	$5 00
Williamson Brothers	Penryn	Display of green figs	$2 50
Frank A. Kimball	National City	Display of tropical fruits	$20 00
Frank A. Kimball	National City	Display and variety of oranges	$10 00
Frank A. Kimball	National City	Display and variety of lemons	$10 00
Frank A. Kimball	National City	Display of fruit by producer	$40 00
John Bidwell	Chico	Display of fruit by producer	$20 00
I. H. Thomas	Visalia	Display of fruit embracing best and greatest variety by dealer	$30 00
CLASS II.			
Capital Packing Co.	Sacramento	Display of canned and preserved jams, jellies, etc., by factory, and hermetically sealed goods.	Special gold med.
Mrs. Purrington	Brighton	Display of jams, jellies, and canned and preserved goods by factory	$10 00
Mrs. Sol. Runyon	Courtland	Fruit in glass, by producer	$15 00
Mrs. Sol. Runyon	Courtland	Six glasses strawberry jelly	$3 00
Mrs. Sol. Runyon	Courtland	Six glasses quince jelly	$3 00
Mrs. Sol. Runyon	Courtland	Six glasses raspberry jam	$3 00
Mrs. Sol. Runyon	Courtland	Display of pickles	$3 00

SIXTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Mrs. Woodworth	Sacramento	Display of jams, jellies, in glass	$5 00
Mrs. Sol. Runyon	Courtland	Spanish pickles	Special mention.
Mrs. J. S. Watson	Sacramento	Display of jams, jellies, in glass	$10 00
Mrs. J. S. Watson	Sacramento	Six jars raspberry jelly	$3 00
Mrs. J. S. Watson	Sacramento	Six jars red currant jelly	$3 00
Mrs. J. S. Watson	Sacramento	Six jars blackberry jelly	$3 00
Mrs. J. S. Watson	Sacramento	Six jars blackberry jam	$3 00
Mrs. J. S. Watson	Sacramento	Brandied peaches	$3 00
Mrs. J. S. Watson	Sacramento	Pickled figs	Special mention.
W. R. Strong & Co.	Sacramento	California honey	$5 00
CLASS III.			
Mrs. Purrington	Brighton	Display dried fruits by factory	$20 00
Mrs. Purrington	Brighton	Display dried fruits by producer	$10 00
Mrs. Purrington	Brighton	Dried peaches, ten pounds	$5 00
Mrs. Purrington	Brighton	Dried plums, ten pounds	$5 00
Mrs. Purrington	Brighton	Dried prunes, ten pounds	$10 00
Mrs. Purrington	Brighton	Dried blackberries, ten pounds	$5 00
P. J. Isbell	Grass Valley	Dried apples, ten pounds	$5 00
P. J. Isbell	Grass Valley	Dried pears, ten pounds	$5 00
P. J. Isbell	Grass Valley	Dried apricots, ten pounds	$5 00
P. J. Isbell	Grass Valley	Dried nectarines, ten pounds	$5 00
P. J. Isbell	Grass Valley	Dried strawberries	$5 00
P. J. Isbell	Grass Valley	Display dried fruits by producer	$20 00
William Baker	Brighton	Almonds, hard shell (not in list)	Prem. recom'd.
Frank A. Kimball	National City	Almonds, soft shell	$5 00
Mrs. Hill	Comanche	California insect powder	Silver medal.
CLASS IV.			
Mrs. Purrington	Brighton	Display of California raisins	$10 00
Mrs. Purrington	Brighton	Six varieties of table grapes	$7 50
Mrs. Purrington	Brighton	Six varieties of wine grapes	$15 00
Mrs. J. Rutter	Florin	Seedless Sultana raisins	$10 00
P. H. Murphy	Brighton	Three varieties wine grapes	$10 00
P. H. Murphy	Brighton	Display of grapes by producer	$25 00
W. A. Himes	Rocklin	Three varieties of table grapes	$10 00
I. H. Thomas	Visalia	Variety table and raisin grapes (not in list)	Prem. recom'd.
James Rutter	Florin	Variety of table grapes	$5 00
Mrs. M. E. Fox	Newcastle	Three varieties of table grapes	$5 00
G. H. Kerr	Elk Grove	General display of grapes by producer	$15 00
G. H. Kerr	Elk Grove	Display of raisins	$20 00
G. H. Kerr	Elk Grove	Six varieties of wine grapes	$7 50
Frank A. Kimball	National City	Variety of table grapes	$2 00
Frank A. Kimball	National City	Variety of wine grapes	$2 00
CLASS V.			
G. M. Jarvis	San José	General display of California brandies and wines	$100 00
G. M. Jarvis	San José	California port wine	$20 00
G. M. Jarvis	San José	California claret wine, over one year old	$15 00
Mrs. K. Warfield	Santa Rosa	Grape brandy, over one year old	$20 00
J. DeTurk	Santa Rosa	Grape brandy, one year old	$10 00
J. DeTurk	Santa Rosa	California claret, one year old	$10 00
J. DeTurk	Santa Rosa	California sherry wine	$20 00
J. DeTurk	Santa Rosa	Sweet wine	$20 00
J. DeTurk	Santa Rosa	White wine	20 00

FIFTH AND SIXTH DEPARTMENTS.

MISCELLANEOUS.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
G. W. Chesley	Sacramento	Florida orange whisky	Recommended.
G. W. Chesley	Sacramento	Club House punch	Recommended.
G. W. Chesley	Sacramento	Rock and rye	Recommended.
G. W. Chesley	Sacramento	Rye sour	Recommended.
G. W. Chesley	Sacramento	Maple rum	Recommended.
R. C. Templeman	San Francisco	Celery, beef, and iron	Honorable men.
Chas. A. Vogeler Co.	San Francisco	St. Jacob's oil	Silver med., dip.
G. H. Jarvis	San José	Peach brandy	Diploma.
W. H. Murray	San Francisco	Samples of ramies in various stages	Diploma.
H. B. Birnbaum	San Francisco	Cibil's fluid beef extract	Diploma.
G. B. Carwin	Sacramento	Crandall writing machine	Honorable men.
Mrs. J. S. Watson	Sacramento	Four jars grape jelly	Honorable men.
Mrs. J. S. Watson	Sacramento	Four jars peach jelly	Honorable men.
Mrs. J. S. Watson	Sacramento	Twelve glasses apple jelly	Honorable men.
Mrs. J. S. Watson	Sacramento	Six jars strawberry jam	Honorable men.
Mrs. J. S. Watson	Sacramento	Twenty-seven glasses crabapple jelly	Honorable men.
Mrs. J. S. Watson	Sacramento	Three jars strawberry preserves	Honorable men.
Mrs. J. S. Watson	Sacramento	Six jars blackberry preserves	Honorable men.
Mrs. J. S. Watson	Sacramento	Three jars peach preserves	Honorable men.
Mrs. Sol. Runyon	Courtland	Yellow nectarine jelly	
Mrs. Sol. Runyon	Courtland	Crawford Peach jelly	
Mrs. Sol. Runyon	Courtland	Hale's peach jelly	
Mrs. Sol. Runyon	Courtland	Seckel pear jelly	
Mrs. Sol. Runyon	Courtland	White Doyanne pear jelly	
Mrs. Sol. Runyon	Courtland	Bartlett pear jelly	
Mrs. Sol. Runyon	Courtland	Dearbon pear jelly	
Mrs. Sol. Runyon	Courtland	Madaline pear jelly	
Mrs. Sol. Runyon	Courtland	Bradshaw plum jelly	
Mrs. Sol. Runyon	Courtland	Cherry plum jelly	
Mrs. Sol. Runyon	Courtland	Columbia plum jelly	
Mrs. Sol. Runyon	Courtland	Falenburg prune jelly	
Mrs. Sol. Runyen	Courtland	Gross prune jelly	
Mrs. Sol. Runyon	Courtland	German prune jelly	
Mrs. Sol. Runyon	Courtland	Petite prune jelly	
Mrs. Sol. Runyon	Courtland	Duganne plum jelly	
Mrs. Sol. Runyon	Courtland	Green Gage plum jelly	
Mrs. Sol. Runyon	Courtland	Washington plum jelly	
Mrs. Sol. Runyon	Courtland	Yellow Egg plum jelly	
Mrs. Sol. Runyon	Courtland	Purple Egg plum jelly	
Mrs. Sol. Runyon	Courtland	Wine Sap apple jelly	
Mrs. Sol. Runyon	Courtland	Astrican apple jelly	
Mrs. Sol. Runyon	Courtland	Bellflower apple jelly	
Mrs. Sol. Runyon	Courtland	Crabapple jelly	
Mrs. Sol. Runyon	Courtland	June apple jelly	
Mrs. Sol. Runyon	Courtland	Jonathan apple jelly	
Mrs. Sol. Runyon	Courtland	Newton Pippin apple jelly	
Mrs. Sol. Runyon	Courtland	Smith's cider apple jelly	Gold medal rec.
Mrs. Sol. Runyon	Courtland	Twenty-ounce Pippin apple jelly	
Mrs. Sol. Runyon	Courtland	Wild blackberry jelly	
Mrs. Sol. Runyon	Courtland	Black raspberry jelly	
Mrs. Sol. Runyon	Courtland	Seedling cherry jelly	
Mrs. Sol. Runyon	Courtland	Royal Ann cherry jelly	
Mrs. Sol. Runyon	Courtland	White fig jelly	
Mrs. Sol. Runyon	Courtland	Blue fig jelly	
Mrs. Sol. Runyon	Courtland	Gooseberry jelly	
Mrs. Sol. Runyon	Courtland	Tokay grape jelly	
Mrs. Sol. Runyon	Courtland	Watermelon jelly	
Mrs. Sol. Runyon	Courtland	Cantaloupe jelly	
Mrs. Sol. Runyon	Courtland	Wild blackberry jam	

MISCELLANEOUS—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Mrs. Sol. Runyon	Courtland	Black raspberry jam	
Mrs. Sol. Runyon	Courtland	Wild blackberry preserves	
Mrs. Sol. Runyon	Courtland	Spiced currant preserves	
Mrs. Sol. Runyon	Courtland	Plain currant preserves	
Mrs. Sol. Runyon	Courtland	Govwood cherry preserves	
Mrs. Sol. Runyon	Courtland	Ox Heart cherry preserves	
Mrs. Sol. Runyon	Courtland	Royal Ann cherry preserves	
Mrs. Sol. Runyon	Courtland	Seedling cherry preserves	
Mrs. Sol. Runyon	Courtland	Lemon Cling peach preserves	
Mrs. Sol. Runyon	Courtland	Cole's Golden Drop plum pres.	
Mrs. Sol. Runyon	Courtland	Yellow Egg plum preserves	
Mrs. Sol. Runyon	Courtland	Purple Egg plum preserves	
Mrs. Sol. Runyon	Courtland	Bartlett pear preserves	
Mrs. Sol. Runyon	Courtland	Red raspberry preserves	
Mrs. Sol. Runyon	Courtland	Black raspberry preserves	
Mrs. Sol. Runyon	Courtland	Sweet pickled figs	
Mrs. Sol. Runyon	Courtland	Sweet pickled grapes	Silver medal.
M. Metzger	San Francisco	Patent cabinet for papers	Honorable men.
M. Metzger	San Francisco	Patent whiplock	Honorable men.
Osborn & Alexander	San Francisco	Bicycles and tricycles	Special prem.
J. D. Slater, per J. W. Stewart.	San Francisco	Sheet bluing	Diploma rec.
Prof. McLean	San Francisco	Silk elastic stockings, leggings, anklets, knee caps, and suspensory bandages	Diploma rec.
George D. Shearer	San Francisco	California fruit salt	Diploma rec.
T. P. Hooper	Fairfield	Tolenas mineral water	Special mention.
E. M. Wilson	San Francisco	Vaporizing inhalor	Diploma.

SEVENTH DEPARTMENT.

FINE ARTS.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
R. D. Yelland	San Francisco	Seven oil paintings	$40 00
Henry Alexander	San Francisco	Four oil paintings	$20 00
William Hahu	London, Eng.	Two oil paintings	$15 00
S. M. Brookes	San Francisco	Six oil paintings	$40 00
W. A. Coulter	Stockton	Four oil paintings	$15 00
Matilda Lotz	Paris, France	Three oil paintings	Gold medal.
Norton Bush	San Francisco	Twenty-seven oil paintings	$40 00
Chas. J. B. Carlson	San Francisco	One oil painting	$15 00
Julia Haste	San Francisco	Two oil paintings	$5 00
H. W. Arthur Nahl	San Francisco	Twelve oil paintings	$20 00
H. W. Arthur Nahl	San Francisco	One crayon, head	$10 00
Virgil Williams	San Francisco	Four oil paintings	$30 00
Mrs. L. Irelan	San Francisco	Nine water-color paintings	$25 00
Mrs. L. Irelan	San Francisco	Two decorated mirrors	
William Keith	Munich	One oil painting	$20 00
E. Narjot	San Francisco	Four oil paintings	$20 00
M. Strauss	San Francisco	Six oil paintings	$20 00
Mrs. H. C. Rogers	San Francisco	Five oil paintings	$10 00
W. O. Emerson	Haywards	Twenty-six oil paintings	$15 00
Julian Rix	New York	Three oil paintings	$20 00
Lucy F. Adams	San Francisco	Four oil paintings	$5 00
J. A. Hecht	San Francisco	Three water-color paintings	$15 00

SEVENTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
A. Joulin	San Francisco	One oil painting	$10 00
A. C. Roderigues	San Francisco	Six oil paintings	$15 00
P. L. Peters	San Francisco	Four oil paintings	$10 00
Paul Menegoena	San Francisco	Three oil paintings	$10 00
Paul Menegoena	San Francisco	One crayon	
Wm. F. Jackson	Sacramento	Fourteen oil paintings	$20 00
Wm. F. Jackson	Sacramento	One crayon	
Dora Williams	San Francisco	Ten water-color paintings	$10 00
Sara Campion	San Francisco	Five crayon pastels	$10 00
Sara Campion	San Francisco	Four oil paintings	
H. Iverson Booth	San Francisco	One crayon drawing	$10 00
Mrs. William Knights	Sacramento	Four oil paintings	$10 00
Mrs. E. C. Hatch	Sacramento	Eighteen oil paintings	$10 00
Mrs. E. C. Hatch	Sacramento	One crayon	
F. Kendail	Sacramento	Twenty oil paintings	$10 00
Josie Crackbon	Oakland	Two crayon drawings	$5 00
May Bailey	Sacramento	Thirteen oil paintings	$10 00
May Bailey	Sacramento	Seven decorative banners	
Laura Graham	Elk Grove	Five crayon drawings	$5 00
Addie L. Hughes	Sacramento	Three crayon drawings	$5 00
CLASS II.			
J. R. Hodson	Sacramento	Photographic display	$30 00
Imperial gallery	San Francisco	Exhib'n dry plate photographs	$8 00
Sam. C. Partridge	San Francisco	Display dry plate photographs	$12 00
CLASS III.			
Carl Eisenschimel	San Francisco	Two pen and ink drawings	$15 00
Sac'to Business College	Sacramento	Display of free-hand pen drawings, penmanship, frames, and india ink pen drawings	Silver medal.
Stockton Business College and Normal School	Stockton	Exhibition of penmanship, pen drawings, oil paintings, diplomas, etc.	$5 00
CLASS IV.			
Mrs. G. B. Cosby	Sacramento	Modeling in clay (2 specimens)	$10 00
S. & G. Gump	San Francisco	Statuary (two pieces)	Gold medal.
S. & G. Gump	San Francisco	Bisque statuary	
Church, Burns & Hancock	Sacramento	Statuary	$5 00
Church, Burns & Hancock	Sacramento	Bisque statuary	
Israel Luce & Co.	Sacramento	Statue of Hope	$5 00
Israel Luce & Co.	Sacramento	Italian cross	
Israel Luce & Co.	Sacramento	Statuette, lamb	

MISCELLANEOUS.

THIRD, FOURTH, AND SEVENTH DEPARTMENTS.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
A. J. Pommer	Sacramento	Domestic sewing machine	Diploma.
Pioneer Straw Manuf'g Co.	San Francisco	Manufacturing ladies' hats	Diploma recm'd.
Theo. W. Schwamb	Sacramento	St. John sewing machine	Hon. mention.
Western Perfumery Co.	San Francisco	Display of perfumery and toilet preparations, Cal. manufacture	Diploma.
R. A. Fisk & Son	Sacramento	Display of door plates	Diploma.
A. C. Joseph	San Francisco	Corrin's great horse liniment	Hon. mention.
Johan Nilsson	Sacramento	Willow house	Hon. mention.

MISCELLANEOUS—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Acme Bath Mfg. Co.	Oakland	Bath cabinet	Silver medal.
A. A. Van Voorhies & Co.	Sacramento	Improvements in horse collars	Hon. mention.
A. A. Van Voorhies & Co.	Sacramento	Horse-collar blocks	Diploma.
A. A. Van Voorhies & Co.	Sacramento	Cheyenne saddles	Hon. mention.
R. F. Miller	Sacramento	Amateur newspapers	Hon. mention.
Israel Luce & Co.	Sacramento	Kinney's patented tubular iron inclosure	Diploma recm'd.
S. & G. Gump	San Francisco	Wooden mantels	Spec. gold med. for entire ex.
S. & G. Gump	San Francisco	Display gilt tables and pedestals	
William Greer	San Francisco	Perfumery and toilet articles	Silver med. rec.
Chas. Peake & Co.	San Francisco	Novelty rug machine	Hon. mention.
Albrecht & Waters	San Francisco	Griswold's patent lamp fillers	Hon. mention.
Albrecht & Waters	San Francisco	Champion stove-pipe shelf	Diploma recm'd.
Mrs. E. I. Couch	San Francisco	Cleaning preparation	Diploma recm'd.
Smith & Muir	Sacramento	Display of globes	Diploma recm'd.
Smith & Muir	Sacramento	Gas-pipe frame	Hon. mention.
R. W. Jackson	San Francisco	Abalone shell jewelry	Silver med. rec.
R. W. Jackson	San Francisco	Abalone table top	Hon. mention.
B. F. Bush	Oakland	Automatic(Wrapley)gas burner	Diploma.
J. B. Sayre	Sacramento	Patent comb. buckle and ring	Diploma.
T. S. Clark & Son	San Francisco	Folding cots, camp cots	Hon. mention.
T. S. Clark & Son	San Francisco	Folding camp table	Hon. mention.
T. S. Clark & Son	San Francisco	Sham holder and folder	Diploma recm'd.
H. C. Huddson	San Francisco	Mustard oil	Diploma.
H. C. Huddson	San Francisco	Mustard	
Bothin Mfg. Co.	Sacramento	Flavoring extracts and syrups	Diploma recm'd.
G. G. Wickson & Co.	San Francisco	Pneumatic copying presses	Hon. mention.
Pacific Coast Screen Co.	Oakland	Magic window screen	Diploma.
W. D. Comstock	Sacramento	Folding bed	Hon. mention.
A. Dingley	Sacramento	Star coffee and spices	Diploma recm'd.
Magazine Brush Mfg. Co.	East Oakland	Magazine stove brush	Diploma recm'd.
A. A. Van Voorhies & Co.	Sacramento	Irving patent biting and driving harness	Silver med. rec.
Mrs. E. H. Hubbard	San Francisco	Pompadour bang	Silver med. rec.
Sullivan & Co.	San Francisco	Harness oil	Spec. prem. rec.
Petaluma Incubator Co.	Petaluma	Incubator for silkworm egg hatching	Hon. mention.
Mrs. G. F. Aaron	Sacramento	Hair work	Silver medal.

EIGHTH DEPARTMENT.

COUNTY EXHIBITS.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
G. N. Whittaker, Chairman Committee, Sonoma County	Santa Rosa	Sonoma County products	$300 00
John Bidwell, Chairman of Committee Butte County exhibits	Chico	Butte County exhibits	$150 00
D. A. Learned, Chairman of Committee San Joaquin Co. exhibits	Stockton	San Joaquin County exhibits of farm produce	$100 00
L. H. Fassett, Secretary of Sacramento County exhibits	Sacramento	Sacramento County exhibits	$50 00
Frank A. Kimball, Chairman of San Diego County exhibits	National City	San Diego County exhibits	$50 00
S. A. Chandler, Chairman of Sutter County exhibits	Yuba City	Sutter County exhibits	$50 00

DEPARTMENT GOLD MEDALS.

FIRST DEPARTMENT.

To Leland Stanford, for the most meritorious display of live stock.

SECOND DEPARTMENT.

To J. L. Heald, for the most meritorious display of machinery and agricultural implements.

THIRD DEPARTMENT.

To Weinstock & Lubin, for the most meritorious display of textile fabrics.

FOURTH DEPARTMENT.

To California Wire Works, for the most meritorious exhibit of mechanical products.

FIFTH DEPARTMENT.

To Carlson & Currier, for the most meritorious display of agricultural products (silk culture).

SIXTH DEPARTMENT.

To Mrs. J. Purrington, for the most meritorious exhibit of fruits.

SEVENTH DEPARTMENT.

To Matilda Lotz, for her exhibit of oil paintings; the most meritorious in the Fine Arts Department.

SPECIAL GOLD MEDAL.

To Huntington, Hopkins & Co., for the most attractive exhibit at the State Fair of 1885.

SPEED PROGRAMME.

THURSDAY, SEPTEMBER 11.

RACE NO. 1—TROTTING.

The Occident Stake, closed in 1882, with thirty nominations. Mile heats. Third payments made by the following starters:

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Antevolo, Electioneer; dam, Columbine	J. C. Simpson	Oakland.
Robert Lee, by Nutwood; dam, by Blackbird	Rancho del Paso	Sacramento.
Griselda, by A. W. Richmond; dam, Towhead, by Echo	L. H. Todhunter	Sacramento.

Position at Starting.	*Position at Close.*	
1. Antevolo	Antevolo	1 1
2. Griselda	Robert Lee	2 2
3. Robert Lee	Griselda	dis.

Time—2:29¾; 2:31½.

RACE NO. 2—PACING.

2:25 Class. Purse, one thousand dollars. Mile heats, three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Shaker, unknown	M. F. Odell	Sacramento.
Killarney, by Black Ralph; dam, said to be by imp. Eclipse	P. Fitzgerald	Woodland.
Prince, by Missouri Chief; dam, by Belmont	S. C. Tryon	Sacramento.
Fred Ackerman, by Washington; dam, by Signal	J. T. McIntosh	Chico.
Belmont Boy, by Nutwood; dam, by Tom Vernon	Donathan & Roberts	Oakland.
Maude, by Bertrand's Black Hawk; dam, by Hamilton	H. J. Agnew	San Francisco.
Patti, by Chrisman's Patchen; dam, by General Knox	C. Kerby	Sacramento.
Sam Lewis, by Echo; dam, by Speculation	Chas. David	Oakland.
Little Em, by Billy Green; dam, unknown	John O'Rourke	San Francisco.

Position at Starting.	*Position at Close.*	
1. Shaker	Maude	4 1 1 1
2. Ackerman	Shaker	1 2 2 2
3. Prince	Ackerman	2 4 4 4
4. Maude	Prince	3 3 3 3

Time—2:25¾; 2:21¾; 2:22; 2:23.

RACE No. 3—TROTTING.

2:25 Class. Purse, one thousand two hundred dollars. Mile heats, three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Arab, by Arthurton; dam, Lady Hamilton	E. M. Fry	San Francisco.
James H, unknown	George W. Baylis	San Francisco.
Neluska, by Sultan; dam, Gretchen	L. J. Rose	San Gabriel.
Sister, by Admiral; dam, by Black Flora	J. A. Goldsmith	Oakland.
Louis D, by King William; dam, unknown	Louis Duncan	Santa Clara.
Magdallah, by Primus; dam, Morgan Rattler	John Dexter	San Francisco.

Position at Starting.	*Position at Close.*					
1. James H	James H	1	3	3	1	1
2. Magdallah	Sister	2	1	1	3	3
3. Sister	Magdallah	3	2	2	2	2
4. Louis D	Louis D	4	dis.			

Time—2:21; 2:22½; 2:23½; 2:25; 2:26½.

FRIDAY, SEPTEMBER 12TH.

RACE No. 4—RUNNING.

The Introduction Stake. For two-year olds. Twenty-five dollars entrance; ten dollars forfeit; two hundred dollars added; fifty dollars to second; third saves stake. Three quarters of a mile.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Ichi Ban, by Joe Hooker; dam, Queen	Delaney & Ayers	Sacramento.
Estill, by Norfolk; dam, Lady Jane	W. M. Murray	Sacramento.
Laura T, by Joe Daniels; dam, by Norfolk	George Howson	Sacramento.
Arthur H, by Hockhocking; dam, Maid of the Mist	Hill & Gries	San Buenaventura.
Alta, by Norfolk; dam, Ballinette	Todhunter & Allen	Sacramento.
Mischief, by Thad Stevens; dam, Katie Pease	James Mee	San Francisco.
Mamie D, by Wheatley; dam, by Lodi	G. Pacheco	Santa Rosa.

Position at Starting.	*Position at Close.*	
1. Mischief	Estill	1
2. Arthur H	Arthur H	2
3. Estill	Mischief	3

Time—1:15½.

RACE NO. 5—RUNNING.

The California Derby Stake. Fifty dollars entrance, p. p.; three hundred dollars added. Second horse, one hundred dollars; third, fifty dollars. One and a half miles.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Winnemucca, by Imp. Billet; dam, Lottie	J. B. Haggin	San Francisco.
Lina, by King Alfonso; dam, Titania	J. B. Haggin	San Francisco.
Rosa Bella, by King Alfonso; dam, Miranda	J. B. Haggin	San Francisco.
——, by Leinster; dam, Addie A	W. L. Pritchard	Sacramento.
Philip S, by Leinster; dam, Lily Simpson	P. Siebenthaler	Sacramento.
——, by Bazaar; dam, Tibbie Dunbar	W. L. Pritchard	Sacramento.
——, by Leinster or Bazaar; dam, Minerva	W. L. Pritchard	Sacramento.
——, by Leinster; dam, Flush	W. L. Pritchard	Sacramento.
Prince of Norfolk, by Norfolk; dam, Marion	M. M. Allen	Sacramento.
Callie Smart, by Norfolk; dam, Mattie A	Theodore Winters	Sacramento.
Freda, by Wildidle; dam, Frolic, by Thunder	E. J. Baldwin	Santa Anita.

Position at Starting.	*Position at Close.*	
1. Prince of Norfolk	Philip S	1
2. Philip S	Prince of Norfolk	2

Time—2:45.

RACE NO. 6—RUNNING.

The Del Paso Stake, for all ages. Fifty dollars entrance; fifteen dollars forfeit; two hundred and fifty dollars added. Seventy-five dollars to second; third saves stake. Three-quarter mile heats.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Trade Dollar, by Norfolk; dam, Eva Ashton	Delaney & Ayers	Sacramento.
Jim Douglas, by Wildidle; dam, Yolon, by Norfolk	George Howson	Sacramento.
Patsy Duffy, by Leinster; dam, Addie A	M. M. Allen	Sacramento.
Bryant W, by Monday; dam, Babe	T. H. Williams, Jr.	Stockton.
Forest King, by Monday; dam, Abbie W	S. J. Jones	Portland, Or.
Susan, by Warwick; dam, Folly	Rancho del Paso	Sacramento.
Jou Jou, by Monday; dam, Plaything	Wm. Kelly	San Francisco.
Aunt Betsy, by Hardwood; dam, Peggy Ringgold	James Adams	Los Angeles.
Beaconsfield, by Hockhocking; dam, Aileen Alannah	E. J. Baldwin	Santa Anita.

Position at Starting.	*Position at Close.*			
1. Jou Jou	Beaconsfield	3	1	1
2. Forest King	Jim Douglas	1	4	4
3. Jim Douglas	Forest King	2	2	2
4. Bryant W	Jou Jou	4	3	3
5. Beaconsfield	Bryant W.	dis.		

Time—1:15; 1:15½; 1:16¼.

RACE No. 7—RUNNING.

Selling Purse. Two hundred dollars entrance fee. Second horse, fifty dollars; fixed valuation, one thousand dollars. Two pounds off for each one hundred dollars below, and two pounds added for each one hundred dollars above fixed value. One mile and an eighth.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Belshaw, by Wildidle; dam, Susie W	E. B. Johnson	Chico.
Rondo, by Norfolk; dam, by Belmont	Geo. Howson	Sacramento.
Certiorari, by Joe Daniels; dam, by Norfolk	Geo. W. Trahern	Stockton.
Jocko, by Cariboo; dam, Reply, by Enquirer	M. M. Allen	Sacramento.
Philip S, by Leinster; dam, Lily Simpson	P. Siebenthaler	Sacramento.
Susan, by Warwick; dam, Folly	Rancho del Paso	Sacramento.
Duke of Monday, by Monday; dam, Demirep	Rancho del Paso	Sacramento.
Nick of the Woods, by Leinster; dam, Little Sophia	A. A. Pinney	Grass Valley.
Ariola, by Bob Wooding; dam, Gladiola	Wm. Boots	Milpitas.
Bessie, by Hercules; dam, unknown	Wm. Boots	Milpitas.
Balboa, by Norfolk; dam, Maggie Dale	C. H. Thomas	Oak Grove.

Position at Starting.	*Position at Close.*	
1. Belshaw	Duke of Monday	1
2. Certiorari	Bessie	2
3. Rondo	Jocko	3
4. Duke of Monday		
5. Nick of the Woods		
6. Bessie		
7. Jocko		
8. Ariola		
9. Balboa		

Time—2:01.

SATURDAY, SEPTEMBER 13TH.

RACE No. 8—TROTTING.

For four-year olds. Purse, one thousand dollars; mile heats, three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Happy Jim, by Brigadier; dam, Snip, by Norfolk	J. F. Shaeffer	Gridley.
Thapsin, by Berlin; dam, Lady Hubbard, by Benicia Boy	W. F. Smith	Sacramento.
Ha Ha, by Nephew; dam, by McCracken's Black Hawk	Fred. Arnold	Stockton.
Regina, by Electioneer; dam, by Elmo	James Garland	Oakland.
Lucille, by Nephew; dam, by Gen. McClellan	J. Williams	Stockton.
Center, by Sultan; dam, Belleview Maid	L. J. Rose	San Gabriel.

Position at Starting.	*Position at Close.*			
1. Happy Jim	Thapsin	1	1	1
2. Ha Ha	Ha Ha	2	2	2
3. Regina	Regina	3	3	3
4. Thapsin	Happy Jim	dis.		

Time—2:30¼; 2:30; 2:28½.

RACE NO. 9—TROTTING.

The Annual Two-year Old Stake. Fifty dollars entrance—twenty-five dollars to accompany nomination; twenty-five dollars payable August first. Mile heats. Five hundred dollars added.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
El Monte, by Echo; dam, by Hubbard	John Mackey	Sacramento.
Luella, by Sultan; dam, Ella Lewis, by Vermont	Ira L. Ramsdell	San Francisco.
Stamboul, by Sultan; dam, by Hambletonian	L. J. Rose	San Gabriel.
Addie E, by Algona; dam, by A. T. Stewart	J. N. Ayers	Fresno.
Paul Shirley, by Nephew; dam, Mabie's Mambrino	G. W. Trahern	Stockton.
Lohengrin, by Echo; dam, Vixen, by Patchen	John Mackey	Sacramento.

Position at Starting.	*Position at Close.*			
1. Lohengrin	Stamboul	1	1	
2. Addie E	Lohengrin	2	2	
3. Stamboul	Addie E	dis.		

Time—2:37½; 2:37¼.

RACE NO. 10—TROTTING.

2:27 Class. Purse, one thousand two hundred dollars. Mile heats, three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Olivette, by Whipple's Hambletonian; dam, Bell	A. C. Dietz	Oakland.
Scandinavian, by Black Hawk; dam, unknown	Peter Johnson	San Francisco.
Adrian, by Reliance; dam, Adriana, by Skenendorr	J. M. Learned	Stockton.
Rarus, Jr.; dam, unknown	Armstrong & Carrington	Salt Lake, U. T.
Adair, by Electioneer; dam, Addie Lee	W. F. Smith	Sacramento.
Bell Spencer, by Black Ralph; dam, by Langford	E. V. Spencer	Susanville.
Capt. Smith, by Locomotive; dam, Maid of Clay	W. H. Vioget	Santa Clara.
Huntress, by Admiral; dam, Flora	W. B. Todhunter	Sacramento.
B B, by Bellfounder; dam, unknown	J. W. Donathan	Oakland.
Anteeo, by Electioneer; dam, Columbine	I. DeTurk	Santa Rosa.
Marin, by Quinn's Patchen; dam, unknown	P. Farrell	San Francisco.
Tump Winston, by Primus; dam, Lady Don	E. Downer	Oakland.
Sister, by Admiral; dam, Black Flora	J. A. Goldsmith	Oakland.
Frank L; unknown	Thos. McAvoy	Salt Lake, U. T.

Position at Starting.	*Position at Close.*				
1. B B	Sister	2	1	1	1
2. Olivette	Adair	1	4	7	5
3. Tump Winston	B B	7	2	2	2
4. Adrian	Olivette	3	3	3	4
5. Anteeo					
6. Scandinavian					
7. Adair					
8. Huntress					
9. Sister					

Time—2:23; 2:23¾; 2:25; 2:24.

MONDAY, SEPTEMBER 15TH.

RACE NO. 11—RUNNING.

The Maturity Stake, for four-year olds. One hundred dollars entrance; twenty-five dollars forfeit; three hundred dollars added. Second, one hundred dollars; third, fifty dollars. Three-mile dash.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Augusta E, by Monday; dam, by Norfork	George Howson	Sacramento.
Lucky B, by Rutherford; dam, Maggie Emerson	E. J. Baldwin	Santa Anita.
Gano, by Grinstead; dam, Santa Anita	E. J. Baldwin	Santa Anita.
Padre, by Thad Stevens: dam, Gipsy	William Boots	Milpitas.

Walkover for Padre.

RACE NO. 12—RUNNING.

Premium Stake. For all ages. Twenty-five dollars entrance; ten dollars forfeit; two hundred dollars added. Fifty dollars to second horse; third, to save stake. Three quarters of a mile.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Jim Douglas, by Wildidle; dam, Yolon, by Norfolk	George Howson	Sacramento.
Dotty Dimple, by Ben Wade; dam, unknown	Hill & Gries	San Buenaventura.
Prince of Norfolk, by Norfolk; dam, Marion	M. M. Allen	Sacramento.
Bryant W, by Monday; dam, Babe	T. H. Williams, Jr.	Stockton.
Blue Mountain Belle; unknown	S. J. Jones	Portland, Or.
Premium, by Castor; dam, by St. Louis	Rancho del Paso	Sacramento.
Jou Jou, by Monday; dam, Plaything	W. Kelly	San Francisco.
Aunt Betsey, by Hardwood; dam, Peggy Ringgold	James Adams	Los Angeles.
Robin, by Bob Wooding; dam, Lizzie Marshall	William Boots	Milpitas.
Beaconsfield, by Hockhocking; dam, Aileen Alannah	E. J. Baldwin	Santa Anita.

Position at Starting.	*Position at Close.*	
1. Dotty Dimple	Premium	1
2. Blue Mountain Belle	Dotty Dimple	2
3. Premium	Blue Mountain Belle	3

Time—1:17½.

RACE NO. 13—RUNNING.

The California Annual Stake, for two-year olds. One hundred dollars entrance; twenty-five dollars forfeit; two hundred and fifty dollars added. Second horse, one hundred dollars; third, fifty dollars. Dash of one mile.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Hidalgo, by Joe Daniels; dam, Electra	J. B. Chase	San Francisco.
Mistletoe, by Thad Stevens; dam, Mistake, by Wildidle	James Mee	San Francisco.
Mischief, by Thad Stevens; dam, Katie Pease	James Mee	San Francisco.
Common Sense, by Hardwood; dam, Cousin Peggy, by Woodburn	J. W. Adams	Los Angeles.
Texas, by Longfield; dam, Belle Demran	John Mackey	Sacramento.
——, by Lexington; dam, Mollie McCarthy	E. J. Baldwin	Santa Anita.
——, by Grinstead; dam, Blossom	E. J. Baldwin	Santa Anita.
——, by Grinstead; dam, Sister to Clara D	E. J. Baldwin	Santa Anita.
——, by Grinstead; dam, Jennie D	E. J. Baldwin	Santa Anita.
——, by Wheatley; by Lodi	G. Pacheco	Novato, Marin.
Harry Peyton, by Shannon; dam, Miss Peyton	S. B. Wright	Santa Rosa.
——, by Bazaar; dam, Little Sophia	W. L. Pritchard	Sacramento.
——, by Leinster; dam, Addie A	W. L. Pritchard	Sacramento.

Position at Starting.	*Position at Close.*	
1. Mistletoe	Harry Peyton	1
2. Mischief	Mischief	2
3. Harry Peyton	Mistletoe	3

Time—1:48¾.

RACE NO. 14—RUNNING.

Free Handicap Stake. Fifty dollars entrance; twenty-five dollars forfeit; fifteen dollars declaration; three hundred and fifty dollars added. Seventy-five dollars to second; third to save stake. Two and one quarter miles.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Trade Dollar (7) (110), by Norfolk; dam, Eva Ashton	Rancho Del Paso	Sacramento.
Birdcatcher (5) (110), by Spectre; by Young Melbourne	Caleb Dorsey	Modesto.
Bachelor (3) (105), by Hockhocking; dam, Maid of the Mist	Hill & Gries	San Buenaventura.
Bryant W (4) (113), by Monday; dam, Babe	T. H. Williams, Jr.	Stockton.
Patsy Duffy (aged) (125), by Leinster; dam, Addie A.	M. M. Allen	Sacramento.
Jocko (5) (116), by Cariboo; dam, Reply, by Enquirer	M. M. Allen	Sacramento.
Billy the Kid (7) (108), by Leinster; dam, Lily Simpson	G. L. Richardson	Grass Valley.
Patrol (5) (108), by Wildidle; dam, Nettie Brown	W. L. Appleby	Santa Clara.
Balboa (4) (95), by Norfolk; dam, Maggie Dale	Chas. H. Thomas	Oak Grove.

Position at Starting.	*Position at Close.*	
1. Birdcatcher	Billy the Kid	1
2. Bachelor	Bachelor	2
3. Billy the Kid	Birdcatcher	3

Time—4:03¾.

RACE NO. 15—RUNNING.

Free Purse, three hundred dollars—for all ages. Fifty dollars to second horse; twenty-five dollars to third. One mile and repeat.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Trade Dollar, by Norfolk; dam, Eva Ashton	Rancho Del Paso	Sacramento.
Amanda L, by Shannon; dam, Eva Ashton	A. Miller	Stockton.
Patsy Duffy, by Leinster; dam, Addie A	M. M. Allen	Sacramento.
Jocko, by Cariboo; dam, Reply, by Enquirer	M. M. Allen	Sacramento.
Bryant W, by Monday; dam, Babe	T. H. Williams, Jr.	Stockton.
Philip S, by Leinster; dam, Lily Simpson	P. Siebenthaler	Sacramento.
Forest King, by Monday; dam, Abbie W	S. L. Jones	Portland, Or.
Nellie Peyton, by Imp. Hurrah; dam, Emily Peyton	Rancho Del Paso	Sacramento.
Jou Jou, by Monday; dam, Plaything	W. Kelly	San Francisco.
Billy the Kid, by Leinster; dam, Lily Simpson	G. L. Richardson	Grass Valley.

Position at Starting.	*Position at Close.*			
1. Amanda L.	Jou Jou	1	1	
2. Patsy Duffy	Patsy Duffy	3	2	
3. Jou Jou	Philip S	2	3	
4. Philip S				

Time—1:45½; 1:43.

TUESDAY, SEPTEMBER 16TH.

RACE NO. 16—TROTTING.

Purse, one thousand dollars. For three-year olds. Mile heats, three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Voucher, by Nephew; dam, by Vernon Patchen	G. W. Trahern	Stockton.
Antevolo, by Electioneer; dam, Columbine	J. C. Simpson	Oakland.
Robert Lee, by Nutwood; dam, Blackbird	John Mackey	Sacramento.
Bay Rose, by Sultan; dam, by The Moor	E. Giddings	Lemoore.
Tabbie Rosenbaum, by Nutwood; dam, a Black Hawk mare	D. S. Rosenbaum	Stockton.
Leleeps, by Nutwood; dam, a Clay mare	J. Williams	Stockton.
Pope Leo, by Romero; dam, by Crichton	Charles Thomas	Oak Grove.
Nona Y, by Admiral; dam, Flora	L. D. Babb	Suisun.

Position at Starting.	*Position at Close.*				
1. Robert Lee	Antevolo	1	2	1	1
2. Antevolo	Voucher	2	1	3	2
3. Voucher	Leleeps	3	3	2	4
4. Pope Leo	Robert Lee	4	4	4	3
5. Leleeps					

Time—2:37½; 2:32¾; 2:34½; 2:34.

RACE No. 17—TROTTING.

Three-minute Class. Purse, twelve hundred dollars. Mile heats, three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Happy Jim, by Brigadier; dam, Snip, by Norfolk	J. F. Shaeffer	Gridley.
Rob Roy, by General Benton; dam, Nettie, by Norfolk	E. M. Fry	San Francisco.
Colonel Hawkins, by Echo; dam, unknown	J. D. Young	Sacramento.
Edwin Forrest, by Blackbird; dam, unknown	J. McIntyre	Chico.
LeGrange, by Sultan; dam, Georgiana, by Overland	L. J. Rose	San Gabriel.
Menlo, by Nutwood; dam, by Hercules	P. Farrell	San Francisco.
Guy Wilkes, by George Wilkes; dam, by Mambrino-Patchen	San Mateo Stock Farm	San Mateo.
Blanche, by Gen. McClellan; dam, by Jno. Nelson	Wm. Bihler	Petaluma.

Position at Starting.	*Position at Close.*			
1. Col. Hawkins	Guy Wilkes	1	1	1
2. Le Grange	Le Grange	4	2	3
3. Menlo	Blanche	2	4	5
4. Guy Wilkes	Col. Hawkins	5	5	2
5. Blanche	Menlo	3	3	4

Time—2:23½; 2:23½; 2:24.

SPECIAL RACE.

Special pacing, purse four hundred dollars. For named horses. Mile heats, three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Fred Ackerman, by Washington; dam, Signal mare	J. T. McIntosh	Chico.
Prince, by Missouri Chief; dam, Belmont mare	S. C. Tryon	Sacramento.
Nevada, by Gen. Reno; dam, Marysville Queen	W. B. Todhunter	Sacramento.

Position at Starting.	*Position at Close.*			
1. Prince	Prince	1	1	1
2. Fred Ackerman	Fred Ackerman	2	2	2
3. Nevada	Nevada	3	3	3

Time—2:27; 2:24½; 2:30½.

WEDNESDAY, SEPTEMBER 17TH.

RACE NO. 18—RUNNING.

The Orange Stake. For two-year old fillies. Twenty-five dollars entrance; ten dollars forfeit; one hundred and fifty dollars added. Fifty dollars to second horse. Five eighths of a mile.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Belle of the Lake, by Wheatley; dam, Jeannette	M. Storms	Sacramento.
Henrietta, by Joe Daniels; dam, Black Willows	A. Miller	Stockton.
Laura T, by Joe Daniels; dam, by Norfolk	G. W. Trahern	Stockton.
Mischief, by Thad Stevens; dam, Katie Pease	James Mee	San Francisco.
Electress, by Bob Wooding; dam, Electra	Wm. Boots	Milpitas.
Mamie D, by Wheatley; dam, by Lodi	G. Pacheco	Novato.

Position at Starting.	*Position at Close.*	
1. Mischief	Mischief	1
2. Electress	Belle of the Lake	2
3. Belle of the Lake	Laura T	3
4. Laura T	Electress	4

Time—1:05.

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RACE NO. 19—RUNNING.

The Breeder's Stake. For three-year olds. Fifty dollars entrance, p. p.; three hundred dollars added. Second horse, one hundred dollars; third, fifty dollars. One mile and a half.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Glorianne, by Joe Daniels; dam, Rebecca, by Hubbard	J. B. Chase	San Francisco.
Susan, by Warwick, by Hubbard; dam, Mayflower	J. B. Chase	San Francisco.
Cyclone, by Hardwood; dam, Peggy Ringgold	J. W. Adams	Los Angeles.
Hirondelle, by Glenelg; dam, Susie Linwood	Jno. Mackey	Sacramento.
Schoolgirl, by Pat Malloy; dam, Glenuine	Jno. Mackey	Sacramento.
Winnemucca, by Billet; dam, Lottie	Jno. Mackey	Sacramento.
——, by Rutherford; dam, Gleneta	E. J. Baldwin	Santa Anita.
——, by Grinstead; dam, Josie C	E. J. Baldwin	Santa Anita.
Fallen Leaf, by Grinstead; dam, Mollie McCarty	E. J. Baldwin	Santa Anita.
Coutty, by Hubbard; dam, by Lodi	G. Pacheco	Novato.
Blossom, by Thad Stevens; dam, by Lodi	G. Pacheco	Novato.
Freda, by Wildidle; dam, Frolic	E. J. Baldwin	Santa Anita.
——, by Monday; dam, Riglin	Palo Alto Stock Farm	Menlo Park.
Shenandoah, by Shannon; dam, Demirep	E. J. Baldwin	Santa Anita.
Rustler, by Thad Stevens; dam, Gypsy	Wm. Boots	Milpitas.
——, by Bazaar; dam, Tibbie Dunbar	W. L. Pritchard	Sacramento.
——, by Leinster; dam, Flush	W. L. Pritchard	Sacramento.

Position at Starting.	*Position at Close.*	
1. Rustler	Hirondelle	1
2. Cyclone	Schoolgirl	2
3. Schoolgirl	Cyclone	3
4. Hirondelle	Rustler	4

Time—2:46¼.

RACE NO. 20—RUNNING.

Selling Purse, two hundred and fifty dollars. Entrance free. For all ages. Fifty dollars to second horse. Fixed valuation, one thousand dollars. Two pounds off for each one hundred dollars below, and two pounds added for each one hundred dollars above fixed value. One and three eighths miles.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Rondo ($350), by Norfolk; dam, by Belmont	Geo. Howson	Sacramento.
Certiorari ($500), by Joe Daniels; dam, by Norfolk	Geo. W. Trahern	Stockton.
Jocko ($1,000), by Cariboo; dam, Reply, by Enquirer	M. M. Allen	Sacramento.
Philip S ($1,000), by Leinster; dam, Lily Simpson	P. Siebenthaler	Sacramento.
Susan ($600), by Warwick; dam, Folly	Rancho Del Paso	Sacramento.
Duke of Monday ($800), by Monday; dam, Demirep	Rancho Del Paso	Sacramento.
Cyclone ($300), by Hardwood; dam, Peggy Ringgold	L. Shaner	San Francisco.
Nick of the Woods ($1,000), by Leinster; dam, Little Sophia	A. A. Pinney	Grass Valley.
Ariola ($400), by Bob Wooding; dam, Gladiola	Wm. Boots	Milpitas.
Patrol ($1,000), by Wildidle; dam, Nettie Brown	W. L. Appleby	Santa Clara.
Beaconsfield ($1,000), by Hockhocking; dam, Aileen Alannah	E. J. Baldwin	Santa Anita.

Position at Starting.	*Position at Close.*	
1. Ariola	Patrol	1
2. Patrol	Duke of Monday	2
3. Duke of Monday	Ariola	3

Time—2:26 (unofficial).

RACE NO. 21—RUNNING.

Free Purse, four hundred dollars. For all ages. One hundred dollars to second horse; fifty dollars to third. One mile and a half and repeat.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Trade Dollar (7) (112), by Norfolk; dam, Eva Ashton	Rancho del Paso	Sacramento.
Patsy Duffy (6) (115), by Leinster; dam, Addie A.	M. M. Allen	Sacramento.
Forest King (5) (115), by Monday; dam, Abbie W.	S. J. Jones	Portland, Or.
Garfield (aged) (112), by Langford; dam, by Lodi	G. Pacheco	Novato.

Position at Starting.	*Position at Close.*		
1. Garfield	Patsy Duffy	1	1
2. Patsy Duffy	Garfield	2	2

Time—2:41¼; 2:41.

SPECIAL—TROTTING.

Mile heats, for named two-year olds. Purse, two hundred and seventy dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Addie D, by Algona; dam, by A. T. Stewart	J. N. Ayers	Fresno.
Sur Del, by Del Sur; dam, by Black Hawk	R. H. Newton	Woodland.
Piedmont, by Tilton Almont	William Billups	Colusa.
Starlight; unknown	J. T. McIntosh	Chico.

Position at Starting.	*Position at Close.*		
1. Starlight	Addie E	1	1
2. Piedmont	Sur Del	2	2
3. Sur Del	Starlight	3	3
4. Addie E	Piedmont	4	4

Time—3:06; 3:01½.

THURSDAY, SEPTEMBER 18TH.

RACE NO. 22—TROTTING.

2:22 Class. Purse, one thousand two hundred dollars. Mile heats, three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Arab, by Arthurton; dam, Lady Hamilton	E. M. Fry	San Francisco.
Brigadier, by Happy Medium; dam, Lady Turner	J. B. McDonald	Marysville.
Albert W, by Electioneer; dam, by John Nelson	A. Waldstein	San Francisco.
Allen Roy, by Patchen Vernon; dam, unknown	J. W. Donathan	Oakland.
Vanderlynn, by Geo. M. Patchen; dam, Joseph mare	P. Farrell	San Francisco.
Manon, by Nutwood; dam, Addie	J. A. Goldsmith	Oakland.

Position at Starting.	*Position at Close.*				
1. Vanderlynn	Manon	3	1	1	1
2. Allen Roy	Brigadier	1	2	2	2
3. Brigadier	Allen Roy	2	4	3	4
4. Albert W	Vanderlynn	4	3	4	3
5. Manon	Albert W	5	5	5	dis.

Time—2:23; 2:21; 2:21¼; 2:23½.

RACE NO. 23—TROTTING.

2:40 Class. Purse, twelve hundred dollars. Mile heats, three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Kitty Almont, by Tilton Almont; dam, Graecy, by Hamlet	James Corcoran	San Francisco.
James H; unknown	George W. Baylis	San Francisco.
Edwin Forrest, by Blackbird; dam, unknown	J. McIntyre	Chico.
Le Grange, by Sultan; dam, Georgiana, by Overland	L. J. Rose	San Gabriel.
Joe Arthurton, by Arthurton; dam, Flora	San Mateo Stock Farm	San Mateo.

RACE No. 23—Continued.

Position at Starting.	*Position at Close.*			
1. Joe Arthurton	Joe Arthurton	1	1	1
2. James H	Le Grange	2	2	2
3. Le Grange	James H	3	3	dis.

Time—2:25½; 2:26; 2:28½.

SPECIAL TROTTING RACE.

Special trotting race for named horses. Purse, three hundred and sixty dollars. Three nominees. Mile heats, three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Nellie Burns, by Bellfounder; dam, Hambletonian mare	R. E. Burns	San Francisco.
Ned, by Overland; dam, thoroughbred mare	J. Edge	Vallejo.
Twinkle, by Echo; dam, by Ethan Allen, Jr.	J. H. Tennant	Pinole.
Ed, by Erwin Davis; dam, Toledo Girl	A. T. Jackson	Oakland.
Fred B, by Margo; dam, McClellan mare	W. B. Todhunter	Sacramento.

Position at Starting.	*Position at Close.*							
1. Ed	Twinkle	5	2	1	1	3	3	1
2. Fred B	Ed	1	1	3	3	2	2	2
3. Twinkle	Ned	4	4	4	2	1	1	3
4. Nellie Burns	Nellie Burns	2	3	2	5	dis.		
5. Ned	Fred B	3	5	5	4	4	stable	

Time—2:32; 2:32; 2:30½; 2:31¼; 2:31¼; 2:29¼; 2:35.

FRIDAY, SEPTEMBER 19TH.

RACE No. 24—RUNNING.

Sunny Slope Stake. For two-year olds. Fifty dollars entrance; ten dollars forfeit; two hundred dollars added. Seventy-five dollars to second, third horse to save stakes. Winner of Introduction Stake penalized five pounds. Winner of California Annual Stake penalized five pounds. Winner of both, penalized ten pounds. One mile.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Arthur H (110), by Hockhocking; dam, Maid of the Mist	Hill & Gries	San Benito.
Alta (110), by Norfolk; dam, Ballinette	Todhunter & Allen	Sacramento.
Estill (115), by Norfolk; dam, Lady Jane	W. M. Murray	Sacramento.
Mischief (107), by Thad Stevens; dam, Katie Pease	James Mee	San Francisco.

Position at Starting.	*Position at Close.*	
1. Alta	Alta	1
2. Arthur H	Estill	2
3. Estill	Arthur H	3

Time—1:42½.

RACE NO. 25—RUNNING.

The Shenandoah Stake. For three-year olds. Fifty dollars entrance; fifteen dollars forfeit; two hundred and fifty dollars added. Seventy-five dollars to second horse; third horse saves stake. Winner of derby stake, penalized five pounds; winner of breeders' stake, penalized five pounds; winner of both, penalized ten pounds. One mile and a quarter.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Nella, by Joe Daniels; dam, by Norfolk	D. S. Terry	Stockton.
Billy Foote, by Norfolk; dam, Katie Gift	W. M. Murray	Sacramento.
Bachelor, by Hockhocking; dam, Maid of the Mist	Hill & Gries	San Buenaventura.
Prince of Norfolk, by Norfolk; dam, Marion	M. M. Allen	Sacramento.
Jou Jou, by Monday; dam, Plaything	W. Kelly	San Francisco.
Beaconsfield, by Hockhocking; dam, Aileen Alannah	E. J. Baldwin	Santa Anita.

Position at Starting.	*Position at Close.*	
1. Bachelor	Jou Jou	1
2. Jou Jou	Beaconsfield	2
3. Beaconsfield	Bachelor	3

Time—2:09¾.

RACE NO. 26—RUNNING.

The Nighthawk Stake. For all ages. Fifty dollars entrance; fifteen dollars forfeit; two hundred dollars added. Seventy-five dollars to second horse; third horse, fifty dollars. Two hundred dollars additional if best time (1:41¾) in the State is beaten. Stake to be named after winner, if Nighthawk's time (1:42¼) is beaten. One mile.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Trade Dollar, by Norfolk; dam, Eva Ashton	Delaney & Ayers	Sacramento.
Stanislaus, by Imp. Partisan; dam, Mother of Modoc	Caleb Dorsey	Modesto.
Jim Douglas, by Wildidle; dam, Yolon, by Norfolk	George Howson	Sacramento.
Prince of Norfolk, by Norfolk; dam, Marion	M. M. Allen	Sacramento.
Patsy Duffy, by Leinster; dam, Addie A	M. M. Allen	Sacramento.
Forest King, by Monday; dam, Abbie W	S. J. Jones	Portland, Oregon.
Mischief, by Thad Stevens; dam, Katie Pease	James Mee	San Francisco.
Aunt Betsey, by Hardwood; dam, Peggy Ringgold	James Adams	Los Angeles.
Nick of the Woods, by Leinster; dam, Little Sophia	A. A. Pinney	Grass Valley.
Billy the Kid, by Leinster; dam, Lily Simpson	G. L. Richardson	Grass Valley.
Dotty Dimple, by Ben Wade; dam, unknown	Hill & Gries	San Buenaventura.

Position at Starting.	*Position at Close.*	
1. Aunt Betsey	Forest King	1
2. Patsy Duffy	Aunt Betsey	2
3. Forest King	Patsy Duffy	3

Time—1:43½.

SPECIAL RUNNING.

Purse, two hundred dollars. Second horse, fifty dollars. One mile dash for named horses. Entrance free.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Bessie, by Hercules; dam, unknown	Wm. Boots	Milpitas.
Rondo, by Norfolk; dam, by Belmont	George Howson	Sacramento.
Belshaw, by Wildidle; dam, Susie W	E. B. Johnston	Chico.
Quebec, by Norfolk; dam, Jennie Hull	G. L. Richardson	Grass Valley.
Garfield, by Langford; dam, by Lodi	G. Pacheco	Novato.

Position at Starting.	*Position at Close.*	
1. Bessie	Rondo	1
2. Quebec	Quebec	2
3. Belshaw	Bessie	3
4. Rondo	Belshaw	4

Time—1:45.

SATURDAY, SEPTEMBER 20TH.

RACE NO. 27—TROTTING.

Substitute. For yearling trotters. One mile dash. Purse, two hundred dollars. Five to enter, three to start.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Bonanza, by Joe Arthurton; dam, by John Nelson	A. Waldstein	San Francisco.
Transit, by Prompter; dam, Venus	M. Toomey	Brighton.
Sir Whipple, by Whippleton; dam, You Guess	B. E. Harris	San Francisco.
Trovato, by Sterling; dam, by Flaxtail	C. F. Taylor	Marysville.
Senator, by Echo; dam, by Young Moral	John Mackey	Sacramento.
Rajah, by Sultan; dam, by George Wilkes	L. J. Rose	San Gabriel.

Position at Starting.	*Position at Close.*	
1. Transit	Rajah	1
2. Trovato	Transit	2
3. Senator	Senator	3
4. Rajah	Trovato	4

Time—2:55.

RACE NO. 28—TROTTING.

For two-year olds. Purse, one thousand dollars. Mile heats.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Lohengrin, by Echo; dam, Vixen, by Patchen	John Mackey	Sacramento.
Kismet, by Sultan; dam, Saucebox, by Sampson, a son of Hambletonian	L. J. Rose	San Gabriel.

Position at Starting.	*Position at Close.*		
1. Lohengrin	Kismet	1	1
2. Kismet	Lohengrin	2	2

Time—2:36½; 2:30¼.

NOTE.—Second heat, owners waived distance.

RACE No. 29—TROTTING.

2:30 Class. Purse, one thousand two hundred dollars. Mile heats, three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Olivette, by Whipple's Hambletonian; dam, Bell	A. C. Dietz	Oakland.
Adrian, by Reliance; dam, Adriana	J. M. Learned	Stockton.
Rarus, Jr.; dam, unknown	Armstr'g & Carrington	Salt Lake.
Adair, by Electioneer; dam, Addie Lee	W. F. Smith	Sacramento.
Belle Spencer, by Black Ralph; dam, by Langford	E. V. Spencer	Susanville.
Telegraph, by Tilton Almont; dam, by John Nelson	J. T. McIntosh	Chico.
Center, by Sultan; dam, by Belleview Maid	H. McGregor	San Francisco.
Colonel Hawkins, by Echo; dam, unknown	J. D. Young	Sacramento.
Neluska, by Sultan; dam, Gretchen	L. J. Rose	San Gabriel.
Marin, by Quinn's Patchen; dam, unknown	P. Farrell	San Francisco.
Anteeo, by Electioneer; dam, Columbine	I. DeTurk	Santa Rosa.
Guy Wilkes, by Geo. Wilkes; dam, by Mambrino-Patchen	San Mateo Stock Fa'm	San Mateo.
Johnny, by Auctioneer Johnny; dam, unknown	Wm. Rourke	Petaluma.
Frank L (Orphan Boy); dam, unknown	Thos. McAvoy	Salt Lake.

Position at Starting.	*Position at Close.*	
1. Olivette	Guy Wilkes	1 2 1 1
2. Guy Wilkes	Adair	2 1 2 2
3. Adair	Olivette	3 3 3 3
4. Colonel Hawkins	Colonel Hawkins	4 4 4 4
5. Adrian	Adrian	dis.

Time—2:23; 2:21; 2:24½; 2:23.

RACE No. 30—TROTTING.

Free for all. Purse, one thousand five hundred dollars. Director to wagon. Mile heats, three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Albert W, by Electioneer; dam, by John Nelson	A. Waldstein	San Francisco.
Bay Frank, by Tornado; dam, by State of Maine	B. M. Richmond	Sacramento.
Vanderlynn, by Geo. M. Patchen; dam, Joseph mare	P. Farrell	San Francisco.
Monroe Chief, by Jim Monroe; dam, Madame Powell	J. A. Goldsmith	San Francisco.
Nellie R, by Gen. McClellan, Jr.; dam, Susie Rose	S. Sperry	Petaluma.

Position at Starting.	*Position at Close.*	
1. Vanderlynn	Vanderlynn	1 1
2. Albert W	Bay Frank	2 dis.
3. Bay Frank	Albert W	3 dis.

Time—2:22; 2:21.

REPORT OF RACES.

By Jos. Cairn Simpson.

FIRST DAY.

The opening day of the Fair of the State Agricultural Society was very successful in every point of view. There was a larger attendance than ever before on a first day, and the show of stock is certainly superior to that of former years. The new track receives encomiums from all; drivers grow enthusiastic when speaking of it, and the spectators are satisfied with seeing faster time than could have been made on the old track by the same classes of horses. The arrangements of the grounds are far superior to what they were before the late improvements were made, and everything is compact. The cattle stalls surround the first turn, but the space being inadequate, others had to be built on the west side of the homestretch. The amphitheater for the show of stock is near the entrance gate, while before it was on the other side of the course. The forenoon was taken up with making entries, and the exhibition stock were still coming. For the afternoon three races were on the bill. The first race was the Occident stake for trotting, three-year olds, the nominations to which are made the first of January of each year when the colts are two years old. The stake is $100 each, $25 to be paid when the nominations are made, $25 on the first of January following, and $50 thirty days preceding the day fixed for trotting. The Association add a gold cup of the value of $400, and as there were thirty nominations, ten of which made the second payment and three the third, the money value was $1,175 besides the cup. The race was heats of a mile, best two in three, in harness. The starters were Antevolo, Griselda, and Robert Lee. The placing was in the order their names are written. In the pools Antevolo was so much the favorite that little was done in that line. He won the race so easily that little description is necessary, excepting what the summary will furnish. He trotted the last half of the first heat in 1:13¾.

SUMMARY.

State Agricultural Society, Sacramento, September 11, 1884.—Occident stake, for three-year olds; mile heats.

Antevolo, br. c., by Electioneer, dam Columbine, by A. W. Richmond—Jos. Cairn Simpson	1	1
Robert Lee, ch. c., by Nutwood—Rancho del Paso	2	2
Griselda, g. f., by A. W. Richmond—L. D. Todhunter	dis.	

Time—2:29¾; 2:31½.

The second race was for the 2:25 class for pacers for a purse of $1,000, the starters being Maud B, Shaker, Ackerman, and Prince. The night before, and on the grounds previous to the race, Maud B was the favorite, Shaker pressing her close for the position, and quite a large amount of money was risked. The first heat upset the calculations of the knowing ones, Shaker taking the lead at the first furlong and never surrendering it, though Prince was lapped on him when

half way down the stretch. Ackerman gained second position, Prince third, and Maud B, who did not make a move for the heat, fourth. Time, 2:25¾. After this the betting was changed so that Shaker was the favorite at $100. Maud bringing $30 and the field $20. The second heat proved that the long price on Shaker had not been fairly earned, as Maud took the lead, passing the quarter in 34½ seconds, and at the half in 1:10½ she was still leading by two open lengths. From that point Shaker gained a trifle, but was never able to jeopardize the chances of Maud, who won in 2:21¾. Shaker was now the favorite, bringing $50 to $35 on Maud and $23 on the field. The third heat brought another revulsion, Maud B winning it in 2:23, Shaker several lengths in the rear, so that the betters were fain to put $30 on her to $40 on Shaker, and $15 on the field. The fourth heat of the pacing race (which was preceded by the first in the 2:25 class, a description at which will follow the close of the pacing), was won handily by Maud, the placing being the same as before, and the time 2:23.

SUMMARY.

STATE AGRICULTURAL SOCIETY, SACRAMENTO, September 11, 1884.—Purse $1,000; 2:25 class; pacers.

Maud B., b. m., by Bertrand Black Hawk—H. J. Agnew	4	1	1	1
Shaker, b. g.—M. F. Odell	1	2	2	2
Fred Ackerman, b. g.—J. T. McIntosh	2	4	4	4
Prince, b. g.—S. C. Tryon	3	3	3	3

Time—2:25¾; 2:21¾; 2:22; 2:23.

There was a good deal of speculating on the trotting race, Sister being a strong favorite all through. Some time was occupied in scoring, but when the word was given the horses were nearly level; James H had the pole, Magdallah second, Sister third, and Louis D on the outside. James H working very steadily took the lead on the turn, with Magdallah second, Sister third, and in this order the quarter-pole was passed in 35½ seconds. There was no change at the half, before reaching which Magdallah broke, Sister taking second place on the turn, but she could not reach James H, as he kept up his flight of speed, winning with two lengths to spare in 2:21; Sister second, Magdallah third, and Louis D fourth.

Soon after the start for the second heat Sister broke, losing so much ground that it appeared as though all her chances for winning the heat were ended. James H broke when near the quarter, and Magdallah took the lead, passing the quarter in 36½. At that point she was a length in the lead of James H, but at the half in 1:11¾ there was but little difference, and Sister had closed some of the long gap. Rounding the turn all three were close together, and a very fine struggle down the stretch between James H and Sister was the result. James H broke at the northern end of the grand stand, which gave Sister the heat without further competition in 22¼, with Magdallah second, James H third, and Louis D distanced.

The betting after the first heat was $160 on Sister to $130 on the field, and after the second there was a return of the old favoritism, so that Sister brought $110 to $20 on all the others. The third heat was somewhat varied by Magdallah taking the first place, and though she broke before reaching the quarter, she was first past the post in 36½ seconds, and at the half, in 1:10½, she led by two lengths, but Sister closed up on her and out-trotted her coming home, winning in 2:23½; James H taking it easy coming in.

Pool selling was at an end before the start for the fourth heat, as it was generally conceded that nothing but an accident would prevent Sister from winning, but this estimate was not sustained by the heat. Magdallah took the lead on the first turn, James H in the second position, Sister third. The quarter was reached in 37 seconds, the leaders flying down the backstretch in 34 seconds, 1:11 to the half. Magdallah and James H were parallel with and Sister three lengths behind. Closing the gap a trifle around the further turn, James H had the heat safe apparently, though it was short lead, as he only beat Magdallah by a length in 2:25. It was somewhat dusk when the harnessing bell rang, and at the expiration of five minutes, had it not been for the white background of the track fence, it would have been difficult for the judges to determine what the horses were doing.

Sister was evidently tired, and the tactics of Goldsmith were to work for a postponement, but it did not avail. The signal was given, and so emphatically that James H broke; the others opened a wide gap, but it was evident, as they flitted down the track, that he was closing. Men huddled in crowds on the stretch to catch a glimpse. They were all together a furlong from home. James H had the lead at the forty-yard mark. He increased it in the last few strides, and came under the wire winner of what can be termed a truly sensational race in 2:26½. The "high rollers" had a heavy fall, the fielders were jubilant; $30 had won nearly $300, and the horse with the snakey experiences had gained a grand victory.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 11, 1884.—Purse, $1,200; 2:25 Class.

James H, b. g., pedigree not traced—Geo. Bayliss	1	3	3	1	1
Sister, b. m., by Admiral—M. Salisbury	2	1	1	3	3
Magdallah, ch. m., by Primus—J. Dexter	3	2	2	2	2
Louis D, b. g., by King William—L. Duncan	4	dis.			

Time—2:21; 2:22½; 2:23½; 2:25; 2:26½.

SECOND DAY.

On Friday, the twelfth, the clerk of the weather must have been in a mood to assist the Directors of the State Agricultural Society in carrying out the programme, by vouchsafing a temperature that was all that could be desired. In place of the anticipated scorching sun, there was a pleasant breeze, and though the morning might be a trifle chilly, it would be a hypercritical person who could find fault with the rest of the day. The ladies' grand tournament was to have taken place in the forenoon, but owing to a misunderstanding only three appeared, and it was postponed. The bill was entirely running—four races being on the card. The first race was the Introduction Stakes for two-year olds, a dash of three quarters of a mile. There were seven entries, three of which staid in. These were Mischief, Arthur H, and Estill. The latter was so great a favorite that in the pool sales Thursday night he brought $50 to $14. This was mainly owing to his fine races at Santa Rosa, Petaluma, and Oakland, and being a big strapping colt, he is better able to handle the weights than his lighter

competitors. There was some betting on second place, but not enough to determine which of the three had the warmest supporters. Arthur H looked much better than he did at Santa Rosa, and Mischief appeared more racing-like, having lost some of the adipose which hindered her in her previous run. In the lottery for positions Mischief drew the pole, Arthur H second, and the favorite outside. The start was from the quarter-pole, which being at the commencement of the backstretch, there was straight work to begin with. A good deal of time was occupied in getting them off, though when the flag fell all were closely together. Mischief had a trifle the best of the start, and she retained the lead for a furlong, when Arthur H moved up; Estill two lengths behind at the quarter, in twenty-five seconds, but in the next three hundred yards he closed the gap, and at the half-mile pole all were abreast. From thence home Estill had it all his own way, winning by several lengths in the fast time of 1:15½; Arthur H second, and Mischief at least four lengths behind him.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 12, 1884.—Introduction Stakes for two-year olds. $25 entrance; $10 forfeit; $200 added; $50 to second horse; $25 to third; three quarters of a mile. Value to the winner, $240.

W. M. Murray's ch. c. Estill, by Norfolk; dam, Lady Jane; 100 lbs.....Duffy 1
Hill & Gries' b. c. Arthur H, by Hockhocking; dam, Maid of the Mist; 110 lbs.....Appleby 2
James Mee's ch. f. Mischief, by Thad Stevens; dam, Katie Pease; 107 lbs.....Ross 3

Time—1:15½.

The second race was the California Derby, and of eleven nominations only two came to the post. These were Prince of Norfolk and Philip S. The former was so much the favorite as to bring $50 to $10, and even at these long odds speculation was languid. The Prince of Norfolk drew the inside, and from some incomprehensible cause to the lookers-on the start was delayed, although both came to the line together several times. When the flag fell there was no perceptible difference and they ran together, Prince only leading a head at the half mile in 52¼ seconds. When the three quarters had been run Philip S took the lead, opening a long gap. As the mile was completed in 1:46 it was supposed that this was only on sufferance, and that the hitherto unbeaten colt could close any sort of a space whenever he chose to, but it was evident to those who had glasses that the favorite was in trouble, and the most that he could do was a lumbering, slow gallop, twenty or more lengths behind Philip S, who won in the slow time of 2:45. Such an exhibition could only be caused by a lamentable lack of condition or absolute sickness. On other grounds, in place of rating as the peer of any three-year old in the United States, Prince of Norfolk must be considered an arrant impostor.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 12, 1884.—California Derby, for three-year olds; $50, p. p.; $30 added; $100 to second; $50 to third; dash of one mile and one half. Value to winner, $950.

P. Siebenthaler's b. c. Philip S, by Leinster; dam, Lily Simpson; 118 lbs.....Duffy 1
M. M. Allen's ch. c. Prince of Norfolk, by Norfolk; dam, Marion; 118 lbs.....Johnson 2

Time—2:45.

The next race gave promise of more sport. It was termed the Del Paso stake for all ages, heats of three quarters of a mile, in which there were nine nominations, but four were scratched, leaving Jou

Jou, Forest King, Jim Douglas, Bryant W, and Beaconsfield to start. The allotment of positions was in the above order, but the placing in the pools was different. In the pool-rooms Thursday evening the rates were: Forest King, $50; Jim Douglas, $40; Beaconsfield, $31; Bryant W, $22; Jou Jou, $14. Before they started the betting rated: Douglas, $36; Forest King, $30; the others, grouped in the field, $32. Again the horses were marshaled at the quarter-pole, and owing to the complete obscuration of the starting point by the cumbrous judges' stand, which is directly in front of the reporters' quarters, the incidents of the start were hidden effectually. It was by crowding into the northern corner that the knights of the pencil could catch a glimpse of the horses. When the white flag was dropped all were in a bunch, and they ran so evenly for the first quarter that it was extremely difficult to place them at the half-mile pole further than to note that Jim Douglas and Jou Jou were in the lead of the others, with Jou Jou slightly in advance. Around the turn there was a dropping back of the others, Jim and Jou Jou reaching the three-quarter pole in close proximity. At that point Jou Jou gave up, and Forest King came with a rush. The big horse was running easily, however, and came from the seven furlong well in hand, winning a very good race, the pace being fast from the start to finish, in 1:15; Forest King second, Beaconsfield third, Jou Jou fourth, and Bryant W distanced.

The Second Heat—After the heat there was some very heavy betting. Forest King was slightly the favorite, bringing $330, Jim Douglas $300, the field $200. This was accounted for when Howson mounted Douglas, when, on trotting him, he was seen to be lame so as to make his winning extremely doubtful. This was fully proved, as soon after the start, all being in a line, when the flag fell, he fell in the rear, Forest King and Jou Jou going past the half-mile pole so nearly together that it was hard to separate them. Beaconsfield was two lengths in the rear, going easily, however, and half way around the lower turn he moved up, until within one hundred and fifty yards from home, it was a pretty contest between Forest King and Beaconsfield. But from there the fine looking son of Hockhocking left his competitors, winning by two lengths, in 1:15½; Forest King second, Jou Jou third, Jim Douglas fourth.

The betting now was $80 on Beaconsfield to $75 on the field. It was heartless to start Douglas on another heat, as he could only hobble. When the word was given Beaconsfield and Jou Jou were some two lengths in advance of Forest King, who took the place of Jou Jou coming down the homestretch, but could not get nearer than four lengths of Beaconsfield, who was hailed winner of the heat and race in 1:16¼.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 12, 1884.—Del Paso stake; for all ages; $50 entrance, $15 forfeit, $250 added; $75 to second, third saves stakes; three-quarter mile heats. Value to winner, $360.

E. J. Baldwin's b. c. Beaconsfield, 3 years, by Hockhocking; dam, Aileen Alannah; 109 pounds ---------- Appleby	3	1	1
S. J. Jones' br. h. Forest King, 5 years, by Monday; dam, Abbie W; 113 pounds; ---------- Duffey	2	2	2
Howson & Densdale's b. h. Jim Douglas, by Wildidle; dam, Yolon; 113 pounds; ---------- Howson	1	4	4
W. Kelly's b. g. Jou Jou, 3 years, by Monday; dam, Plaything; 106 pounds ---- Ross	4	3	3
T. H. Williams, Jr.'s, blk. h. Bryant W, 4 years, by Monday; dam, Babe; 113 pounds; ---------- Johnson	dis.		

Time—1:15; 1:15½; 1:16¼.

Then came a selling race for a purse of $200, one and one eighth miles. The conditions were that horses priced at $1,000 should carry the rule weight, with two pounds added for each $100 of a higher valuation, and one pound subtracted for each $100 of a lower valuation. The starters were Belshaw, value $400, one hundred and three pounds; Certiorari, $500, one hundred and five pounds; Rondo, $350, one hundred and two pounds; Duke of Monday, $800, one hundred and eleven pounds; Nick of the Woods, $1,000, one hundred and eighteen pounds; Bessie, $400, one hundred and three pounds; Jocko, $1,000, one hundred and eighteen pounds; Ariola, $400, ninety-three pounds; and Balboa, $1,000, one hundred and eighteen pounds. The above is the order they were awarded positions. Belshaw was the favorite, bringing $150; Duke of Monday, $100; field, $140. There was a bobulation at the starting point. The flags fell, and away went the horses. Rondo led like a wild horse with something under a red jacket close on him. The field was straggled over a hundred yards. As they strung along the backstretch, Duke of Monday came with a rush from some point. He was two lengths in front of Belshaw when he run under the wire, and his backers were jubilant over money won. The watches marked 1:58½. There was a terrible muddle. The jockeys were not allowed to dismount, but what the trouble was there was no means of finding out in the reporter's stand. Again the horses were taken to the starting point. The claim was that the starter had not dropped his emblem of authority and his assistants had lowered that in his charge without authority. This time all of them fell, and Ariola rushed away with the lead, his stable companion, Bessie, next. There was a wide gap at the half-mile pole. Then Bessie closed, and again Duke of Monday repeated his tactics. He was first under the wire, with Bessie second, Jocko third. Time, 2:01.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 12, 1884.—Selling: purse, $200; entrance free; second horse, $50. Fixed valuation, $1,000; two pounds off for each $100 below, and two pounds added for each $100 above fixed value. One mile and one eighth.

Rancho del Paso's b. g. Duke of Monday, by Monday; dam, Demirep; aged; $800; 111 pounds—Duffy	1
Wm. Boots' b. m. Bessie, by Hercules; dam, unknown; aged; $400; 103 pounds—Flowers	2
M. M. Allen's b. h. Jocko, by Cariboo; dam, Reply; aged; $1,000; 118 pounds—Johnson	3
Geo. Howson's ch. g. Rondo; aged; $350; 102 pounds	0
G. W. Trahern's ch. g. Certiorari; 4 years; $500; 105 pounds	0
A. A. Pinney's ch. h. Nick of the Woods; 5 years; $1,000; 118 pounds	0
Wm. Boots' b. f. Ariola; 3 years; $400; 93 pounds	0
O. H. Thomas' ch. h. Balboa; 4 years; $1,000; 118 pounds	0
E. B. Johnston's b. g. Belshaw; aged; $400; 103 pounds	0

Time—2:01.

THIRD DAY.

On Saturday the parade was a very fine display of stock, and, though thoroughbreds and roadsters were not in great force, as in preceding years, the deficiency was amply made up by the fine show of draught and carriage stock and cattle. Among the roadsters were some fine specimens, and though fewer in number than in former years, the quality was good. The cattle were remarkably fine, and

the line of animals extended a mile and a quarter. The weather was beautiful, and the afternoon very pleasant. The first race on the card was for a purse of $1,000 for four-year olds. The starters were Happy Jim, Ha Ha, Regina, and Thapsin. The placing was in the above order. In the pools Thapsin was so largely the favorite as to bring $50 to $15 on all the others. There were four ineffectual scores, but the fifth resulted in a good start. Thapsin broke where the carriages had made a line across the track, and Regina took the lead, with Ha Ha next. In this position the quarter was passed in forty seconds. Just before reaching the half-mile pole Ha Ha broke, and Thapsin came second in 1:16. Rounding the turn Thapsin overhauled Regina, Ha Ha also passing her on the stretch. Thapsin won the heat with comparative ease in 2:30½, Ha Ha second, Regina third, Happy Jim distanced. A good start was made for the second heat. At the second score Thapsin led, and thereafter all the way round—Regina second—to the head of the stretch, when Ha Ha passed her; that being the order in which the heat was finished. Time, 2:30. It was apparent that, barring accidents, Thapsin must win, and this was shown on the deciding heat, Thapsin being first all around, passing the quarter in 39½, half in 1:14½, mile in 2:28½; Ha Ha pressing him at the finish.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 13, 1884.—Purse, $1,000; four-year old class.

Thapsin, blk. g., by Berlin—E. H. Miller, Jr.	W. F. Smith	1	1	1
Ha Ha, br. s., by Nephew—Fred. Arnold	Parker	2	2	2
Regina, br. m., by Electioneer—Jas. Garland	Goldsmith	3	3	3
Happy Jim, ch. c., by Brigadier—J. F. Shaeffer	Trefry	dis.		

Time—2:30½; 2:30; 2:28½.

The second race was for the annual two-year old stake. The starters were Lohengrin, Addie E, and Stamboul. Lohengrin was the favorite, at odds of $50, $40, and $25. When the word was given all were together. Immediately after Lohengrin broke, Stamboul taking a strong lead at the quarter in forty seconds. Lohengrin made several breaks. Stamboul broke before reaching the half mile, but was so far in advance that it did not jeopardize his chances for the heat, which was won in 2:37½; Addie E distanced. Pools sold at $240 on Stamboul, $65 on Lohengrin. The heat and race were won on the next trial by Stamboul in 2:37¼.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 13, 1884.—Annual two-year old stake; $675, with $500 added.

Stamboul, b. c., by Sultan—L. J. Rose	Mayburn	1	1
Lohengrin, b. c., by Echo—Rancho del Paso	Dewan	2	2
Addie E, ch. f., by Algona—J. N. Ayres	Ayres	dis.	

Time—2:37½; 2:37¼.

The great event of the day was the 2:27 class, for a purse of $1,200, and in which were fourteen entries. This brought out some heavy betting. Friday night pools ranged from $200 to $800, and there was a great deal of speculation on the ground. When the bell summoned them, the rates were: Sister, $250; B B, $85; Adair, $50; the others grouped in the field at $65. The placing was: B B first, Olivette second, Tump Winston third, Adrian fourth, Anteeo fifth, Scandinavian sixth, Adair seventh, Huntress eighth, and Sister ninth. This

large field was difficult to manage, coming up again and again, not only straggling, but some of them galloping. After scoring five times an order was given to score by the pole horse, and then it took three trials to get them off. The start was very good for the number, all of them trotting, though there was quite a difference between the leaders and those behind. Adair pushed to the front at once, followed by Olivette, and was at the quarter in 37 seconds, several lengths in front of Olivette. The others were steering out, and when opposite the half-mile mark in 1:11½, Adair was four lengths in front of Olivette, Sister third, Scandinavian fourth, the balance far behind. Rounding the upper turn, Sister passed Olivette, but Adair was so far in the lead that it was beyond expectation that he could lose the heat. Goldsmith, too, appeared to be contented to obtain a good place for the next heat, and wisely restrained his mare after he saw he could not win. Adair was driven in leisurely, winning in 2:23; the others in the order named—Sister, Olivette, Scandinavian, Tump Winston, Huntress, B B, Anteeo, Adrian.

The pools now ranged: Sister, $100; B B, $57; Adair, $55; the field, $30. At the sixth score they were off, Adair leading, closely pressed by Sister, and Olivette some lengths behind. The quarter was passed in 37 seconds. At the half-mile in 1:10½. Adair and Sister were locked, and with the disadvantage of the outside position, she came within a neck of him. When they straightened into the run home at the seven furlong, Adair broke, losing so much ground that he was passed by Sister, B B, and Olivette, Sister winning with something to spare in 2:23¾; B B second, Olivette third, Adair fourth, Scandinavian fifth, Huntress sixth, Adrian seventh, Anteeo eighth, and Tump Winston ninth.

In the pools now Sister brought $100; B B, $60; the field, $35. At the twelfth score the start was given, when Sister took the lead, followed by B B, with Olivette close behind, the others straggling. B B reached the quarter first in 36½ seconds, and all the way down the backstretch there was an animated struggle between B B and Sister. He had taken the track, compelling her to pull to the outside and reaching the half-mile first in 1:11. From thence Sister improved her position, and at the seven furlong post carried B B to a break. This ended the fight, the positions at the finish being: Sister first, B B second, Olivette third, Tump Winston fourth, Adrian fifth, Huntress sixth, Adair seventh, Scandinavian eighth, Anteeo distanced.

With two heats to her credit Sister was still more of a favorite, and unless she "came back," it was evident that the race was hers. Adair had shot his bolt in the first and second heats; B B could not keep up his rate as well as the mare, and none of the others had speed enough, so the fourth heat brought the race to a close. Sister was too much for B B, by the time the homestretch was gained, and though Scandinavian came with a rush toward the finish, the pace carried him off his feet, and though he was second under the wire he was placed third.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 13, 1884.—Purse, $1,200. 2:27 Class.

Sister, b. m., by Admiral; M. Salisbury	Goldsmith	2	1	1	1
Adair, b. g., by Electioneer; E. H. Miller, Jr.	Smith	1	4	7	5
B B, blk. g., by Milliman's Bellfounder; James McCord	Donathan	7	2	2	2
Olivette, br. m., by Whipple's Hambletonian; A. C. Dietz	Johnson	3	3	3	4
Scandinavian, blk. g., by Black Hawk Morgan; P. Johnson	Dewan	4	5	8	3
Tump Winston, ch. g., by Primus; E. Downer	Downer	5	9	4	6
Adrian, b. s., by Reliance; J. M. Learned	Learned	9	7	5	7
Huntress, ch. m., by Admiral; W. B. Todhunter	Lyndon	6	6	6	8
Anteeo, b. s., by Electioneer; I. DeTurk	Rollins and McGregor	8	8	dis.	

Time—2:23; 2:23¾; 2:25; 2:24.

FOURTH DAY.

On Monday, the fifteenth, the track was in the best possible condition when the first race was called, which was the Maturity stake for four-year olds, a dash of three miles. For this William Boots' colt Padre had a walkover—Lucky B, Gano, and Augusta E paying forfeit.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 15, 1884.—Maturity stake, for four-year olds; $100 entrance, $25 forfeit; $300 added; three-mile dash; four nominations.

Wm. Boots' b. c. Padre, by Thad Stevens, dam Gypsy, 118 lbs. ——— walkover.

The second event was the Premium stake for all ages, three quarters of a mile. There were ten nominations, three of which appeared—Dotty Dimple, Blue Mountain Belle, and Premium. Premium brought $100, Blue Mountain Belle $50, Dotty Dimple $27, in the pools before the start. There was a delay at the start and six breakaways before the flag fell. Premium was a length behind, but the pace was so slow that it was no great disadvantage. They did the first quarter in 25½ seconds, all being abreast, and rounding the further turn it was impossible to tell which had the best of it. At the seven furlongs Premium was slightly in advance, Blue Mountain Belle dropping back. From there the race was between Dottie Dimple and Premium, the latter winning in the slow time of 1:17½, the Oregon mare far in the rear.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 15, 1884.—Premium stake for all ages; $25 entrance, $10 forfeit; $200 added; $50 to second, and $25 to third; three-quarters of a mile; ten nominations.

Rancho del Paso's ch. m. Premium, aged, by Castor, dam by Flying Cloud, 115 lbs.	Duffy 1
Hill & Gries' blk. m. Dotty Dimple, 4 years, by Ben Wade, dam unknown, 115 lbs.	Appleby 2
S. J. Jones' br. m. Blue Mountain Belle, aged, 115 lbs.	Carter 3

Time—1:17.

The California stake was the next event for decision. This was for two-year olds, and of thirteen nominations three came to the post—Mistletoe, Mischief, and Harry Peyton, placed in the order named. Peyton was the favorite, at $150 to $50 for each of the others. They were off at the first attempt, Mistletoe going away with a strong lead, Mischief second, until near the quarter pole, when Peyton moved into second place. The pace was slow, the quarter being passed in

29½ seconds and the half in 56½. They were all together rounding the upper turn, but when fairly in the stretch the favorite came away and won very easily in 1:48¾, Mischief second.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 15, 1884.—California annual stake for two-year olds; $100 entrance; $25 forfeit; $250 added; $100 to second horse and $50 to third; one mile; nineteen nominations.

S. B. Wright's b. c. Harry Peyton, by Shannon, dam Miss Peyton, 110 lbs.	Appleby	1
James Mee's ch. f. Mischief, by Thad Stevens, dam Katie Pease, 107 lbs.	Ross	2
James Mee's ch. f. Mistletoe, by Thad Stevens, dam Mistake, by Wildidle	Long	3

Time—1:48¾.

Then came the handicap $50 stake, $25 forfeit, two and a quarter miles. The starters were Birdcatcher, who was the favorite at $250, Billy the Kid at $150, and Bachelor at $40. Again there was delay at the post, and immediately after the flag fell Billy the Kid rushed to the front, followed by Bachelor, Birdcatcher trailing. The stand was passed in the above order in 27 seconds, the half mile in 55½, the three-quarters in 1:22½, still without change of positions. At the stand the second time, in 2:18, Bachelor had closed a trifle in the lead, and when about half way around the turn Birdcatcher made his run. He followed and fell back again, endeavoring to reach the leaders on the backstretch. The mile and three-quarters was made in 3:11½, Billy about a length in front of Bachelor, who was a trifle more than that in front of Birdcatcher. There was a closing up on the northern semicircle and a volume of cheers from stand and stretch when it seemed that there was a likelihood of a race home. Bachelor, however, was unable to concede eleven pounds to Billy, and though he ran gamely was beaten by two lengths, and there were four between him and Birdcatcher. Time—4:03¾.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 15, 1884.—Free handicap stake; $50 entrance; $25 forfeit; $15 declaration; $350 added; $75 to second horse, and third to save stake; two and one quarter miles; eight nominations.

G. L. Richardson's b. g. Billy the Kid, aged, by Leinster, dam Lily Simpson, 108 lbs.	Howson	1
Hill & Gries' b. c. Bachelor, 3 years, by Hockhocking, dam Maid of the Mist, 105 lbs.	Appleby	2
Caleb Dorsey's br. h. Birdcatcher, 5 years, by Specter, dam Pet, 110 lbs.	Duffy	3

Time—4:03¾.

Heats of a mile was next on the programme. The starters were Amanda L, Patsy Duffy, Jou Jou, and Philip S. The positions were in the above order. Patsy was the favorite, at the rate of $90 on him to $72 on the others. Time enough was frittered away before the start to try the patience of the spectators, and there were six false starts before the flag fell. Then Amanda L had the advantage, retaining the lead at the quarter, in 27½ seconds, and the half in 54 seconds. Patsy Duffy had been running in second place one length behind Amanda, with Philip S on his quarter and Jou Jou bringing up the rear. All were bunched when coming around the turn, and at the entrance to the homestretch it was impossible to tell which was leading. At the seven furlongs Jou Jou shot in front, and from there had it all his own way, crossing the score two lengths in front of Philip S, Patsy three lengths further back, and Amanda just inside the distance. Time, 1:45½.

Jou Jou's victory had little effect on changing the rates, Patsy bringing $100 to $87 on the others. When the start was given Patsy Duffy cut across Jou Jou, and took the lead, Philip S running into second position. The pace was faster than before, as the quarter was made in 26 seconds. Down the backstretch Patsy and Philip S ran locked, Jou Jou some lengths behind. The half mile was passed in 51½ seconds. Looking through the glass, it was evident that Jou Jou was running easily, and this was fully proved when they reached the seven furlong mark, as from there he galloped in in the fast time of 1:43, Patsy Duffy second.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 15, 1884.—Free for all ages; purse, $300; $50 to second horse, and $25 to third. One mile and repeat.

W. Kelly's b. g. Jou Jou, 3 years, by Monday; dam, Plaything; 100 pounds	Long	1	1
M. M. Allen's b. h. Patsy Duffy, aged, by Leinster; dam, Ada A; 113 pounds	Johnson	3	2
P. Siebenthaler's b. h. Philip S, 3 years, by Leinster; dam, Lily Simpson; 103 pounds	Appleby	2	3
G. Harrison's br. m. Amanda L, 4 years, by Shannon; dam, Eva Ashton; 110 pounds	Howson	4	4

Time—1:45½; 1:43.

FIFTH DAY.

Tuesday was a grand morning, the sun breaking over the top of the Sierras and bathing the valley in radiance, while the sides of the mountains were in shadow. There was not a breath of air, though as the day progressed there was a light breeze which tempered the atmosphere so that the most fastidious could not find fault. There was a large attendance at the Park in the morning, and a very large one in the afternoon. The morning attraction was a grand stock parade, and the people were unanimous in pronouncing it the finest exhibition of cattle ever seen in California, and it is doubtful if it could be surpassed in the United States for rarity. There were Shorthorns, Herefords, Devons, Holsteins, Ayrshires, and Jerseys, and then came the Polled Angus, which were admired by all butchers for evidences of their prime beef qualities, by stock men for their general adaptability to all countries, while the masses admired them for their unequaled beauty. Draft horses were well represented, and there were a few fine animals among the thoroughbreds and trotters.

The first race in the afternoon was a purse of $1,000 for three-year olds. The starters were Robert Lee, Antevolo, Leleep, Pope Leo, and Voucher. Antevolo was a great favorite, bringing the night previous $100 to $30 on all the others, and after winning the first heat it was $100 to $9 on him, but the loss of the second heat, to Voucher, brought the field up to $40 against $100 on the favorite. With the exception of the second heat, description of the race is unnecessary, further than reference to the summary, as Antevolo took the lead at the start and never lost it, coming home at his ease. In the second heat Leleep took the inside position on the first turn until near the half-mile post, Antevolo going along leisurely behind. He went to the front at the half-mile, Voucher coming up at the three-quarters, and fairly outtrotted Antevolo home.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 16, 1884.—Trotting; purse, $1,000; three-year old class.

Antevolo, br. c., by Electioneer—J. C. Simpson	Simpson	1	2	1	1
Voucher, br. c., by Nephew—G. W. Trahern	Donathan and Howser	2	1	3	2
Leleep, ch. f., by Nutwood—H. C. Smith	J. Williams	3	3	2	4
Robert Lee, ch. c., by Nutwood—Rancho Del Paso	Dewan	4	4	4	3
Pope Leo, g. c., by Romero—Charles Thomas	Goldsmith	5	dis.		

Time—2:37½; 2:32¾; 2:34½; 2:34.

The second race was the three-minute class, for a purse of $1,200. The starters were Col. Hawkins, Le Grange, Menlo, Guy Wilkes, and Blanche, and in the order of starting as was written. Guy Wilkes was an immense favorite, bringing $360 to $30 on all the others. After the first heat, which was won by Guy Wilkes in 2:23, it was so evident that the race was all in his favor that he was left out of the pools, the issue being on the second place, and then Blanche and Menlo together brought $300, Col. Hawkins $105, and Le Grange $100. As Guy Wilkes won the second heat in 2:23½, fully as easily as the first, there was little interest in which would win, but as Le Grange came in second wagering on positions became somewhat complicated, but the third heat ended the trouble, as Guy Wilkes won as handily as before. Though there was a sharp struggle for second place, Le Grange apparently had it safe until he broke, and Col. Hawkins beat him in. This gave Le Grange second money, Blanche third, and Col. Hawkins fourth.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 16, 1884.—Purse, $1,200; three-minute class.

Guy Wilkes, b. s., by Geo. Wilkes—Wm. Corbett	Goldsmith	1	1	1
Le Grange, blk. g., by Sultan—L. J. Rose	Mayburn	4	2	3
Blanche, b. m., by Grey McClellan—Wm. Bihler	Crandall	2	4	5
Col. Hawkins, br. g., pedigree unknown—J. D. Young	P. Williams	5	5	2
Menlo, b. s., by Nutwood—R. T. Carroll	Farrell	3	3	4

Time—2:23; 2:23½; 2:24.

To complete the afternoon's sport, a pacing purse of $500 was offered for Prince, Fred Ackerman, and Nevada. It proved a very spirited contest, the finish of the first heat being so close as to evoke rousing cheers from the spectators. Time, 2:27. The second heat Prince won with greater ease in 2:24, and the third in 2:30½.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 16, 1884.—Pacing; purse, $500.

Prince, b. g.—S. C. Tryon	Tryon	1	1	1
Fred Ackerman, b. g.—J. T. McIntosh	Goldsmith	2	2	2
Nevada, b. s.—W. B. Todhunter	Lyndon	3	3	3

Time—2:27; 2:24; 2:30½.

SIXTH DAY.

A continuation of glorious weather and an increased attendance were the salient features of Wednesday at Agricultural Park, outside of the races. It was a running day, and there was the buzz of life in the stands long before the hour fixed for starting. The pool-sellers

were busy, and as the sleek-coated animals took their preliminary gallops, many glasses were turned on them, and the clinking of timing watches was heard on every side at anticipation brushes of a furlong. The first race was the Orange Stakes, for two-year old fillies, a dash of five eighths of a mile, in which there were four starters—Mischief, Electress, Belle of the Lake, and Laura T. The positions were drawn in the above order, Laura T leading in the pools. She brought $35, Belle $30, the field $23. A very good start was given at the second attempt, Mischief taking the lead and never losing it, winning quite handily. The positions of the others were as in the summary.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 17, 1884.—The Orange Stake; for two-year old fillies; $25 each; $10 forfeit; $150 added, of which $50 to the second; five furlongs. Closed with six nominations. Value to winner, $220.

Jas. Mee's ch. f. Mischief, by Thad Stevens; dam, Katie Pease	1
M. Storn's b. f. Belle of the Lake, by Wheatley; dam, Jeannette	2
G. W. Trahern's ch. f. Laura T., by Joe Daniels; dam, by Norfolk	3
Wm. Boots' ch. f. Electress, by Bob Wooding; dam, Electra	0

Time—1:05.

The second race was the Breeders' stake, for three-year olds, one and one half miles. There were seventeen nominations, only four of which appeared. These were Rustler, Cyclone, Schoolgirl, and Hirondelle. The latter named couple are representatives from Rancho del Paso, and in the pools they brought $200 to $45 on Rustler and Cyclone combined. The starting point was at the half-mile post, and a very good start was effected without breaking away. Rustler led, and was first at the stand in 53 seconds, Schoolgirl second. Making the turn Schoolgirl and Hirondelle passed Rustler, and before reaching the half-mile post Hirondelle took the lead. The mile was run in 1:46¾, and the Rancho del Paso pair had only a gallop, concluding with Hirondelle first, Schoolgirl second, Cyclone third. Time, 2:46¼.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 17, 1884.—The Breeders' stake, for three-year olds; $50 each, p. p.; $300 added; second horse, $100; third, $50. One mile and a half. Seventeen nominations. Value to winner, $1,000.

Rancho del Paso's ch. f. Hirondelle, by Glenelg; dam, Susie Linwood	1
Rancho del Paso's b. b. Schoolgirl, by Pat Malloy; dam, Glenuine	2
J. W. Adams' b. g. Cyclone, by Hardwood; dam, Peggy Ringgold	3
Wm. Boots' b. c. Rustler, by Thad Stevens; dam, Gypsy	0

Time—2:46¼.

The third race was a selling race, one and three eighths miles, in which there were seven starters: Philip S, Certiorari, Ariola, Cyclone, Rondo, Patrol, and Duke of Monday. The positions were awarded in the above order. In the pools Duke of Monday brought $120, Patrol $65, $62 on the field. The betting was very lively. There was a long delay at the starting point, several breakaways, and finally the red flag fell, while the timing flag was not lowered. One horse was far back of the starting line. All were struggling and only three kept on. The jockeys, remembering what had taken place before, pulled up, leaving Appleby on Patrol, Patsy Duffy on Duke of Monday, and Luke on Ariola to have the race to themselves. Patrol led to the stand, Duke of Monday two lengths behind, Ariola three in the rear of the second. There was no change in positions, though the

favorite moved up closer on the backstretch and at the finish of the mile, in 1:47, was lapped on the leader, notwithstanding vigorous efforts on the part of the rider of the favorite. Patrol won by an open length; Ariola three lengths behind the Duke; as the others did not run the course no time was announced by the judges, private timers making it 2:26.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 17, 1884.—Selling purse, $250. Entrance free, for all ages; $50 to second horse. Fixed valuation, $1,000; two pounds off for each $100 below, and two pounds added for each $100 above fixed value. One and three eighths miles.

W. L. Appleby's b. h. Patrol, by Wildidle; dam, Nettie Brown, 5 years, $1,000, 115 pounds	Appleby	1
Rancho del Paso's b. g. Duke of Monday, by Monday; dam, Demirep, 5 years, $800, 111 pounds	Duffy	2
Wm. Boots' b. g. Ariola, by Bob Wooding; dam Gladiola, 3 years, $400, 93 pounds	Flowers	3

The others did not run the course, and no time was given.

The fourth race was heats of one and one half miles for a purse of $400. Only two horses appeared, Patsy Duffy and Garfield. Patsy was the favorite at odds of $100 to $45. Garfield had a trifle the best of the start and made the running. He was a length in the lead at the stand in 55½ seconds, and by half a length at the completion of the first mile in 1:48. Patsy moved closer on the semicircle, and was head and head at the three-quarter post. The finish was close, Patsy winning by a short neck in 2:41¾. The odds increased on Patsy to $110 to $17 on Garfield. The start was even and the whole run very even. Garfield was outside of Duffy, ran parallel and was not a foot behind until one and a quarter miles had been made. A sheet would have covered both horses until that time, when Patsy drew away slightly, winning by half a length in 2:41.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 17, 1884.—Free purse, $400. For all ages; $100 to second; $50 to third. One mile and a half and repeat.

M. M. Allen's b. h. Patsy Duffy, aged, by Leinster; dam, Ada A, 115 pounds	Duffy	1	1
G. Pacheco's br. g. Garfield, aged, by Langford; dam, by Lodi, 112 pounds	Appleby	2	2

Time—2:41¾; 2:41.

The finishing race for the afternoon was a special purse for named two-year olds. Starlight, Piedmont, Sur Del, and Addie E started. Addie E won so easily in 3:06 that a description of the first heat is unnecessary, Sur Del second, Starlight third, and Piedmont last. In the second heat she took the lead, but breaking badly on the backstretch, Sur Del passed her. She broke again on the turn, but had speed enough to overtake her competitor and beat him home, Starlight third, and Piedmont fourth. Time, 3:05½.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 17, 1884.—Trotting. Special purse for two-year olds.

Addie E, ch. f., by Algona; J. N. Ayres	1	1
Sur Del, c., by Del Sur; R. H. Newton	2	2
Starlight, b. f., by Singleton; C. L. Denman	3	3
Piedmont, ch. c., by Tilton Almont; Wm. Billups	4	4

Time—3:06; 3:05½.

SEVENTH DAY.

On Thursday the first race was the 2:22 class, and this was looked on as one of the greatest events of the fair. There were six entries, five of which started. These were Vanderlynn, Allen Roy, Brigadier, Albert W, and Manon. The positions assigned were in the above order, Manon being a great favorite with the speculating division, so much so as to bring $100 to $30 on Brigadier, and all the others combined $15. The favoritism partly came from the success Manon has had in former races, and more especially from the fact that there is a great deal of money back of whatever Goldsmith drives, but the rates should be nearer even when the entire guide was the performance of the horses, and there was nothing to warrant such one-sided wagering. A very good start was the result of the third score. Brigadier had slightly the lead when the bell struck, and soon after Vanderlynn left his feet, not a bad break, however, and the order at the first furlong was Brigadier, Allen Roy, Vanderlynn, Manon, Albert W. At the quarter in 36 seconds there was no change, and as they sped down the backstretch at a very fast pace the same order was retained. At the three-furlong post Manon broke, which took away her chances for the heat, Brigadier trotting very fast and as steadily as the ticking of a clock. He led two lengths at the half-mile at 1:10½, and came into the homestretch with a good lead, there being no change of positions in those behind him. Coming home Manon passed Vanderlynn, but neither she or Allen Roy could overhaul Brigadier, he passing the winning score three lengths in front of Allen Roy, Manon third, Vanderlynn fourth, and Albert W last. Time, 2:23.

The result of the heat did not, as was anticipated, change the betting to the detriment of Manon, the rates being $270 on her, Brigadier $70, field $20. The pool sellers did a brisk business, and there was an excited crowd surrounding the stand. The scoring was somewhat tedious, there being nine ineffectual attempts before the word was given. The heat proved very exciting until after passing the half-mile pole. Brigadier, having the pole, had an advantage, and as Allan Roy made a bobble as the bell sounded, it gave Manon an opportunity to take second position, and she was at Brigadier's head at the furlong mark. The leaders were together when they reached the quarter in 35¾ seconds, and all the way down the backstretch they were so close together as to resemble a pair in harness. The half mile was reached in 1:08, and when the horses were a hundred yards beyond there were cheers and shouts from the backers of Manon as she passed Brigadier and opened a gap of a length of daylight in a few strides. She never surrendered the advantage gained, and jogged leisurely under the wire in 2:21; Brigadier at the wheel, Vanderlynn third, Allan Roy fourth, and Albert W fifth.

The fine performance of Manon in this heat appeared to justify the long odds, as it was palpable that if driven out she could have beaten 2:20. The odds were still longer before the start for the third heat, ruling at $100 for Manon to $13 on all the others, and the result of the heat shows that the hopes were founded on stable grounds. Manon had her nose in front from the start to finish. The quarter was passed in 35½, the half in 1:09½, and the mile in 2:21½. Brigadier was a fair second, and Vanderlynn and Albert W came in in front of

Allan Roy, but owing to running were set back, Vanderlynn fourth, and Albert W fifth.

Pool selling was now at an end, and the deciding heat was won also very handily by Manon, her chances never being in jeopardy at any portion of the mile, winning in 2:23½; Brigadier second, Vanderlynn third, Allan Roy fourth, Albert W distanced. This gave Brigadier second money, Allan Roy third, and Vanderlynn fourth.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 18, 1884.—Purse $1,200; 2:22 class.

Manon, b. m., by Nutwood; F. M. Railton	Goldsmith	3	1	1	1
Brigadier, b. s., by Happy Medium; J. B. McDonald	McDonald	1	2	2	2
Allan Roy, g. g., by Patchen Vernon; Jas. McCord	Donathan	2	4	3	4
Vanderlynn, b. g., by Geo. M. Patchen, Jr.; W. W. Stow	Farrell	4	3	4	3
Albert W, b. s., by Electioneer; A. Waldstein	McConnell	5	5	5	dis

Time—2:23; 2:21; 2:21¼; 2:23½.

The second race was the 2:40 class for a purse of $1,200. The starters were Joe Arthurton, La Grange, and James H, with positions as above. Joe Arthurton was the favorite at $150 to $70 on James H, and $16 on La Grange. They were very evenly sent off on the fifth score, James H having about a neck the best of it. All were trotting fast, James H rather outfooting the favorite and gaining the lead enough to take the pole before reaching the quarter, which he made in 35½ seconds. He had a lead of three lengths when he broke, losing so much ground that both the others passed him. At the half Joe was two lengths in front of La Grange in 1:10, the latter breaking on the turn, when James H overtook him, but broke again, Joe Arthurton leaving them and jogging home winner. James H had thrown a shoe, to which was ascribed his frequent breaks. After the heat Joe brought $150 to $20 on both the others, varying from that to $100 to $32.

There was a good start at the second score, Joe Arthurton and La Grange keeping together, James H making a break on the turn and falling back. Joe Arthurton and La Grange passed the quarter locked in 37 seconds, and were still together at the half-mile in 1:10. From there the pace was slow, Joe winning in 2:26, several lengths in front of La Grange, James H was far behind the distance flag, but the judges deeming that he had not been driven to win, placed him third and substituted another driver.

James Dewan was the driver selected to take the place of Baylis to pilot James H. The change appeared to be favorable, as James H trotted steadily until near the three-quarter pole, when he broke. Arthurton and La Grange trotted side and side to the half-mile in 1:11, but from there the black seemed to tire, Joe winning in 2:28½, La Grange two seconds behind.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 18, 1884.—Purse $1,200; 2:40 class.

Joe Arthurton, b. g., by Arthurton; Wm. Corbett	Goldsmith	1	1	1	
La Grange, blk. g., by Sultan; L. J. Rose	Mayburn	2	2	2	
James H, b. g.; Geo. Baylis	Baylis and Dewan	3	3	dis	

Time—2:25½; 2:26; 2:28½.

A special race for named horses was then called up, but was unfinished when darkness came on.

EIGHTH DAY.

Never before since its erection was the grand stand so packed as it was Friday when the hour came for the ladies' tournament. In places the crowd was so dense that there was no room for another person to stand, and, as a large majority were ladies, the gay colors in the dresses, bonnets, hats, and parasols, brightened the effect. There is a decided charm to visitors from the Bay in the light Summer habiliments which are worn here, and the evident appropriateness for the climate adds to the attraction. The field contained a great number of carriages, while the inner track was crowded with spectators. Seven equestriennes competed, among them being some very good riders. They were designated by numbers, the names being unknown to the judges. The awards were as follows: First premium, Miss Mary McFadyen, Dixon; second, Mrs. E. G. Missner; third, Mrs. F. S. George; fourth, Miss Mamie Best; fifth, Miss Nellie Ryan; sixth, Miss Minnie Elliot; and seventh, Mrs. Jackson, all of Sacramento.

The first race was the Sunny Slope stake, for two-year olds, one mile, with a five-pound penalty on the winner of the Introduction stake. The starters were Alta, Arthur H, and Estill. After the riders were mounted the judges ordered the Marshal to take Alta in charge, and in place of the jockey put up by his trainer, George Howson was substituted. At the first of the pool selling, Estill was the favorite at $100, to $60 on Alta and $12 on Arthur H. A good deal of time was occupied in transferring the charge of Alta, and as evidence that there was some ground for the change, Alta advanced in the pools, at one time selling for as much as Estill. The race was an exceptionally good one. The colts were given a splendid start; not a neck difference when the flag fell. Duffy, on Estill, made the running from his outside position, though Howson kept Alta moving, and the favorite could not take the track. At the quarter, in twenty-five and a half seconds, they were even, and on the backstretch the pace was very fast. Alta had a neck the advantage when passing the half-mile post, in fifty seconds, and from thence home he had a comparatively easy task. Duffy was driving Estill as he could at the seven furlong, Howson sitting quietly, though still opening the gap. Alta reached the score first by two lengths, in the very fast time of 1:42½, Arthur H a fair third.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 19, 1884.—The Sunny Slope stake; for two-year olds; $50 entrance; $10 forfeit; $200 added. Second horse, $75; third to save stake. Winner of Introduction stake penalized five pounds. Winner of California Annual stake penalized five pounds. Winner of both penalized ten pounds. One mile. Four nominations. Value to winner, $235.

Todhunter & Allen's b. c. Alta, by Norfolk; dam, Ballinette; 110 pounds	1
Wm. Murray's ch. c. Estill, by Norfolk; dam, Lady Jane; 115 pounds	2
Hill & Gries' b. c. Arthur H, by Hockhocking; dam, Maid of the Mist; 110 pounds	3

Time—1:42½.

The second race was the Shenandoah stake, for three-year olds, one and a quarter miles. The starters were Bachelor, Jou Jou, and Beaconsfield. They had positions in the above order. The pools sold $200 on Jou Jou, $140 on Beaconsfield, and $37 50 on Bachelor. Again the start was first rate and without any delay. As they swept past the stand, Bachelor and Beaconsfield were even, Jou Jou a length behind. Bachelor had the lead at the quarter-pole in fifty-three sec-

onds, but going down the backstretch Beaconsfield closed on him, and was first at the end of the three quarters, in 1:19. Jou Jou was trailing about three lengths behind, but closed the interval on the turn, and he and Beaconsfield were parallel at the seven furlong, at which point Jou Jou gained the advantage, winning a very good race by two lengths from Beaconsfield, Bachelor third. Time, 2:09¼.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 19, 1884.—The Shenandoah stake; for three-year olds. Entrance, $50; $15 forfeit; $250 added. Second horse, $75; third to save stake. Winner of Derby stake penalized five pounds; winner of Breeders' stake penalized five pounds; winner of both penalized ten pounds. One mile and a quarter. Six nominations. Value to winner, $320.

W. Kelly's b. g. Jou Jou, by Monday; dam, Plaything; 115 pounds 1
E. J. Baldwin's b. c. Beaconsfield, by Hockhocking; dam, Aileen Alannah; 118 pounds..... 2
Hill & Gries' br. c. Bachelor, by Hockhocking; dam, Maid of the Mist; 118 pounds 3

Time—2:09¼.

The third race was the Nighthawk stake, one mile. There were eleven nominations, three of which weighed in—Aunt Betsy, Patsy Duffy, and Forest King, with positions at starting as above. The pools were $100 on Duffy, $85 on Forest King, and $10 on Aunt Betsy. The start was very good. Away went Forest King, and Duffy on his shoulder, the rider of Aunt Betsy pulling her back. There was little difference at the quarter-pole, in twenty-seven seconds, between Duffy and Forest King. Duffy was in front at the one eighth of a mile, in fifty-two and a half seconds. Betsy was three lengths behind Forest King, but moved up at the three-quarter pole, and for a time there was a very fine tussle between the two, Forest King getting the best of his competitor, and galloping in an easy manner, by three lengths. The race for second place was sharp, Aunt Betsy coming up on the inside, beating the favorite half a length. Time, 1:43½.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 19, 1884.—The Nighthawk stake; for all ages. Entrance, $50; $15 forfeit; $200 added. Second horse, $75; third, $50; $200 additional if the best time (1:41¾) in the State is beaten. Stake to be named after winner if Nighthawk's time (1:42½) is beaten. One mile. Eleven nominations. Value to winner, $345.

S. J. Jones' b. h. Forest King, by Monday; dam, Abbie W; 118 pounds 1
James Adams' b. m. Aunt Betsy, by Hardwood; dam, Peggy Ringgold; 115 pounds..... 2
M. M. Allen's b. h. Patsy Duffy, by Leinster; dam, Addie A; 118 pounds 3

Time—1:43½.

The fourth race was a special purse of $200, dash of a mile. The starters were Bessie, Quebec, Belshaw, and Rondo. In the pools Belshaw brought $150, Bessie and Rondo $120, Quebec $27 50. When the flag fell to a good start, all made the running, and were abreast one hundred yards away. Rondo led at the quarter-pole in 26¼ seconds, at the half in 51½ seconds, and came home five lengths in the lead of Quebec, who was as much in front of Bessie, Belshaw last.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 19, 1884.—Purse, $200; for named horses. One mile.

Geo. Howson's ch. g. Rondo, by Norfolk; dam, by Belmont; aged; 115 pounds..... 1
G. L. Richardson's ch. g. Quebec, by Norfolk; dam, by Rifleman; aged; 115 pounds..... 2
Wm. Boots' br. m. Bessie, by Hercules; dam, unknown; 4 years; 115 pounds..... 3
E. B. Johnston's b. g. Belshaw, by Wildidle; dam, Susie W; aged; 115 pounds..... 4

Time—1:45.

The special trot that was left unfinished on Thursday evening was then called up. It was for a purse of $360, with Ed, Fred B, Twinkle, Nellie Burns, and Ned engaged. Three heats were disposed of before the postponement.

First Heat—The start was given on the third score, Nellie Burns and Ed evidently having the foot of the party. Nellie broke on the backstretch, when Ed passed her, and she could not recover the lost ground or get a better place than second. Fred B was third, Ned fourth, and Twinkle last. Time, 2:32. Before the start Twinkle was the favorite, at odds of $50 to $25 on Nellie Burns and $27 on the field. After the heat the field sold for $50, Nellie Burns $50, and Twinkle $22.

Second Heat—There was a long delay to repair the harness of Twinkle, and when the word was given Nellie Burns took the lead, retaining it until half way of the homestretch, when she broke, and Ed passed her. He came to the score first, Twinkle second, Nellie Burns third, Ned fourth, Fred B last. Time, 2:32. After this heat the pools sold: field, $60; Twinkle, $16; Nellie Burns, $13.

Third Heat—Nellie Burns took the lead, but broke on the backstretch, when Twinkle went past her. On the further turn Burns came up, but could not reach Twinkle, who won the heat, with Nellie Burns second, Ed third, Ned fourth, Fred B last. Time, 2:30½.

Fourth Heat—When the field was called out on Friday the pools sold: The field (Ed, Ned, and Fred B), $500; Twinkle, $50; Nellie Burns, $27 50. Twinkle took the lead, Burns breaking when a hundred yards, but Twinkle opened a gap, leading at the quarter and half, with Nellie second. The latter broke on the upper turn, and the heat seemed safe for Twinkle, but Ned came fast down the homestretch, overtook Twinkle, carried her to a break opposite the distance post, but then broke himself, and the mare, catching quickly, won the heat in 2:31¼, Ned second, Ed third, Fred B fourth, and Nellie Burns last.

Fifth Heat—In the betting Twinkle brought $200, the field $55, Nellie Burns $20. The heat showed a change; Twinkle led past the quarter, when she broke, and Ned went by her. He trotted very steady, making the half mile in 1:15, and from the turn he had it all to himself, winning in 2:31¼; Ed second, Twinkle third, Fred B fourth, Nellie Burns distanced. Under the rules only winners of heats could start in the sixth heat, which put Nellie Burns and Fred B out of the race. In the pools Twinkle brought $200, the field $205, with an anxious crowd around the pool stand eager to invest.

The sixth heat was a very close thing between Ned and Twinkle until a short distance beyond the quarter-pole. The mare broke and lost a deal of ground, Ned winning by a long way, with Ed second, Twinkle third. Time, 2:29¼.

Seventh Heat—The field now brought $240, Twinkle $95. Twinkle was tired, and Ned appeared to be getting better as the race progressed. Ned made a bad break on the turn, and Twinkle took the lead going down the backstretch, there being a long gap at the half mile and three-quarters, and came home far in the lead in 2:35; Ed second, Ned third.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 18 and 19, 1884.—Special purse, $360; for named horses.

Twinkle, b. m., by Echo; J. H. Tennent	5	2	1	1	3	3	3
Ed, br. g.; A. T. Jackson	1	1	3	3	2	1	1
Ned, b. g., by Overland; Joe Edge	4	4	5	3	1	2	2
Fred B, b. h.; W. B. Todhunter	3	5	4	4	4	r. o.	
Nellie Burns, b. m., by Milliman's Bellfounder; R. E. Burns	2	3	2	5	dis.		

Time—2:32; 2:32; 2:30½; 2,31¼; 2:31½; 2:29¼; 2:35.

NINTH DAY.

The closing day brought a continuation of the remarkably fine weather that had prevailed from the commencement. The attendance was fair, though smaller than the preceding days, many visitors having left on the Saturday train. In the morning occurred the stock parade, in which were displayed the premium ribbons. In the afternoon the first on the programme was a yearling trot, in which started Transit, Trovato, Senator, and Rajah. The positions were as above, and in the pool sales Transit brought $80, Rajah $40, and the field $24. The start was even, the favorite taking the lead and retaining it until after passing the half-mile in 1:27½. Soon afterward he broke, when Senator passed him, and at the three-quarters Rajah had the lead. From thence the strife was between Transit and Rajah, but, Transit breaking at the distance, Rajah came away and won by three lengths; Transit second, Senator third, Travato last. Time, 2:55, which is the fastest record ever made by a yearling in an actual race.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 20, 1884.—Trotting, yearling class. Purse, $200; one mile.

L. J. Rose's b. c. Rajah, by Sultan; dam, by George Wilkes	Mayburn 1
M. Toomey's b. c. Transit, by Prompter; dam, by California Dexter	Hicks 2
Rancho del Paso's b. c. Senator, by Echo; dam, by Young Morrill	Dewan 3
C. F. Taylor's ch. c. Travato, by Sterling; dam, by Flaxtail	Smith 4

Time—2:55.

The second race was for two-year olds, heats of a mile. The only starters were Lohengrin and Kismet. Kismet was so greatly the choice as to bring $200 to $24 on Lohengrin. Kismet had a slight advantage when the bell sounded, while Lohengrin made up and took the lead on the turn, and, notwithstanding a couple of breaks, he was two lengths in the lead at the quarter-pole in 40 seconds, but making a bad break Kismet was at the half-mile first in 1:17½. From thence Kismet never lost the advantage, winning by three lengths in 2:36½. The second heat Kismet was driven to beat the two-year old stallion record, 2:32½, which stood to the credit of Steinway. This he succeeded in accomplishing very handsomely, going to the quarter in 39 seconds, to the half in 1:16, and the mile in 2:30¼.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 20, 1884.—Purse, $1,000. Two-year old class; mile heats.

L. J. Rose's b. c. Kismet, by Sultan; dam, Saucebox, by a son of Hambletonian	Mayburn	1 1
Rancho del Paso's b. c. Lohengrin, by Echo; dam, Vixen, by George M. Patchen, Jr.	Dewan	2 2

Time—2:36½; 2:30¼.

One of the most attractive races in the meeting was the 2:30 class. There were fourteen entries, but owing to casualties a majority of them were unable to participate; and besides accidents and a lack of condition, there was a terror to owners in the form of Guy Wilkes, who had shown great speed, endurance, and reliability in an eminent degree. This narrowed the field of starters to five, drawing the following positions: Olivette first, Guy Wilkes second, Adair third, Colonel Hawkins fourth, and Adrian on the outside. Owing to his conceded superiority, Guy Wilkes was left out of the pools, the second or better place in the race governing the winner. The rates were Adair $50, Olivette $16, the field $5.

First Heat—It is seldom that a better heat is seen than the first heat proved. The horses were bunched as they got off, Olivette and Colonel Hawkins leading, with Wilkes partly pocketed and Adair a short distance in the rear. Passing the quarter, Olivette, Guy Wilkes, and Adair were close together, and for part of the way down the backstretch it was as pretty a race between the trio as could be desired. Finally Olivette broke and Guy Wilkes and Adair went by the half-mile post head and head in 1:11½. Rounding the turn Guy Wilkes drew away from Adair and came into the homestretch with a lead of two lengths. He seemed to have the heat safe at the seven-furlong pole, but Adair was coming fast, and one of the most exciting trotting finishes of the meeting was witnessed. Goldsmith found it necessary to use every art to increase his speed, and Smith, behind Adair, was not idle. Forty yards from the winning score Adair's head was on the hip of Guy Wilkes; at twenty yards his nose was on the girth of the leader, and under the wire a short neck was all that the stallion led him. Olivette was third, Colonel Hawkins fourth, Adrian distanced. Time, 2:23.

Second Heat—As no one anticipated that Guy Wilkes could be brought to a drive to win, the second heat was looked for with more anxiety, and a few were sufficiently sanguine to predict that Adair would win one game in the long rubber, and the result showed that these were not very far wide in their calculations. At the third score a very good send-off was had, Adair slightly leading when the bell sounded. Guy Wilkes led him by a neck at the quarter-pole in 36¾ seconds, and increased his lead at the half in 1:10 to a length. Going around the turn he gained still more, and at the head of the homestretch looked all over a winner, but again Adair came up. Wilkes made a slight hobble when half way home, and after that there was a repetition of the finish in the former heat, excepting that Adair got his nose in front as the goal was reached. Both broke when within a length of home, and Olivette came in a good third in the fast time of 2:21.

Third Heat—Speculation was laggard after the first heat, and when a few pools were sold the only wagering was in the mutual box. At the start in the third heat Guy Wilkes rushed off at a very rapid pace, taking the lead on the first turn and never losing it to the finish.

Adair made a bad break after passing the half-mile post, destroying all his chances for the heat. Wilkes was at the quarter in 36½, at the half in 1:10¾, and the mile in 2:24½; Adair second, Olivette third, and Colonel Hawkins last.

The fourth heat put an end to the controversy, as Wilkes again went to the front and kept it from start to finish, passing the quarter in 37 seconds, the half in 1:11, and the mile in 2:23; Adair second, Olivette third, and Colonel Hawkins fourth.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 20, 1884.—Purse, $1,200; 2:30 class.

William Corbett's b. h. Guy Wilkes, by George Wilkes; dam, Lady Bunker	Goldsmith	1	2	1	1
E. H. Miller, Jr., b. g. Adair, by Electioneer; dam, Addie Lee	Smith	2	1	2	2
A. C. Dietz's br. m. Olivette, by Whipple's Hambletonian; dam, Bell	Johnson	3	3	3	3
J. D. Young's br. g. Colonel Hawkins, by Echo; dam, unknown	P. Williams	4	4	4	4
J. M. Learned's b. s. Adrian, by Reliance; dam, Adriana	Learned	dis.			

Time—2:23; 2:21; 2:24½; 2:23.

The free-for-all purse, $1,500, was the concluding race of the series. There were five entries, three of which came to the post—Vanderlynn, Albert W, and Bay Frank. In the pools Vanderlynn brought $50, Bay Frank $45, Albert W $20. There was a good deal of time taken up in scoring, and when the word was given all were nearly abreast. Albert W broke before going fifty yards, and Vanderlynn at the furlong mark. This enabled Bay Frank to take the lead, getting to the quarter, two lengths in front of Vanderlynn, in 36¾ seconds. There was more difference at the half in 1:10½, but from there Vanderlynn closed on the leader, and came home with something to spare, in 2:22.

The second heat was disastrous to all except Vanderlynn. Albert W broke, then Bay Frank, neither of which could recover in time to save their distance, giving Vanderlynn first, second, and third money. Time, 2:21.

SUMMARY.

AGRICULTURAL PARK COURSE, SACRAMENTO, September 20, 1884.—Purse, $1,500; free for all. Director to wagon.

W. W. Stow's b. g. Vanderlynn, by George M. Patchen; dam, by Joseph	Farrell	1
B. M. Richmond's b. g. Bay Frank, by Tornado	Lyndon	2 dis.
A. Waldstein's b. h. Albert W, by Electioneer	McConnell	3 dis.

Time—2:22; 2:21.

OPENING ADDRESS

OF PRESIDENT FINIGAN, DELIVERED AT THE PAVILION, ON TUESDAY EVENING, SEPTEMBER 16, 1884.

Directors and Members of the State Agricultural Society: I feel constrained to pause at the outset of my remarks, to contemplate this new and splendid building, in which we now hold our Thirty-first Annual Fair.

It is a pleasing duty for me to have the honor, as is customary, of inaugurating this building for the first time. For the purpose for which it has been erected, this building has a floor space of 124,000 square feet; comfortable standing room for the entire population of many of our larger towns.

In erecting this grand palace of industry, Sacramento has contributed $40,000, and the State $40,000, and the State Agricultural Society has erected a State building for $80,000 that cannot be duplicated for $100,000.

We had a large outlay in furnishing this building, and at the Park we have made improvements that are equal in every way to the best on the other side of the Rockies. It cost this society $50,000 for permanent improvements this last year, and no honest minded citizen can say that it was not needed, nor that the money was not judiciously spent. We point to the completed work with pride. The grandest results have been achieved with great economy of time and means.

This superb building, strong in all its parts, useful in all its departments, beautiful both in detail and general effect; this grand achievement suggests the subject of my annual address. As we have builded here so must we build our system of agriculture. We must and will establish in this State a comprehensive system that will embrace every variety of soil and climate, every interest; a system that will be permeated by intelligence, and conducted with skill; a system so complete in its parts that each will add strength to all the rest; a system that will give wealth and happiness to our people; a system that will continue to be progressive in development for all time to come.

But I must address myself to the matter in hand, with directness and plainness of speech, for we are here with a purpose.

How are we to accomplish the grand results already indicated? What are the difficulties to be surmounted? In answering these questions I can do little more than offer suggestions, and I beg you to understand, at the outset, that my aim is to stimulate the thoughts of those who are more competent to treat of these great subjects than I am. If I succeed in doing this I shall be more than satisfied. You will pardon me, therefore, if my address seems fragmentary and incomplete.

Let us begin with the soil. The soil of California is naturally rich, and it possesses remarkable recuperative powers. Heretofore we have

gathered from the virgin soil great crops without the exercise of much intelligence or forethought. But already we see signs of decreasing vigor in the overtaxed soil, and that means without timely aid, the speedy decay of agriculture. Human greed may destroy, but alone, it will not lead to intelligent success. Farmers may conceal the fact of soil impoverishment, that they may sell and move to fresher lands, there to repeat their efforts at destruction, but such men cannot build up agriculture, and they are enemies of the human race.

To the patriotic man, who has brains enough to scorn present success at the cost of future ruin, and who desires prolonged prosperity for himself and others, comes the question: How can I so use the soil, that I may gain subsistence, and yet prevent its impoverishment?

Do we consider this matter? Do we understand the subject? We know, in a general way, that to preserve the vigor of soil, we must give it rest; comparative rest, by alternation of crops, and positive rest by fallowing. But do our people fully appreciate the fact that this matter of soil rest lies at the base of all permanent prosperity?

If we are to have rest by rotation of crops, what change of crops can we have that will not impoverish the owner, while impoverishment of soil is prevented?

The answer involves the further subject of markets, and to whom can we go for practical information? The General Government does something in this direction in a vague way, by showing some of the probabilities as to marketable crops, but does not help us in this matter.

The University of California has published important information relative to the preservation of soils, but the information reaches but few people. But whether we are ignorant or wise, the fact remains, that there can be no brilliant or even prosperous future to a State that does not practice soil rest systematically.

Again: It is admitted that shallow tillage leads to heavy washing and gullied fields; that deep plowing prevents this ruinous evil. It is also true that much of our soil is not productive for one or two years after deep plowing.

I do not state the reason, but the fact: and call your attention to the further fact that the subject of deep plowing has not received just attention. Ought not some competent person to be charged with the duty of giving these points exhaustive consideration? Can we reasonably expect to develop a true system of agriculture while we ignore these grave matters?

Again, how are we to recuperate the millions of acres already impoverished? We cannot do it by concealing or denying the facts. We have had quite enough of concealment, and now we must face facts. Our business is to build up, and we cannot do it by a wretched subterfuge.

The impoverished soil must have rest, and if we do not give it the soil itself will take the needed rest by refusing to yield crops. As an aid to rest comes in the practice of fertilization. But what do we know about fertilization, and where can we get manures? These questions have been considered somewhat at the State University, and that body has given valuable hints. They have told us how to use the ash of spent tan bark, and the lime refuse from sugar works, but these manures are not within the reach of many. We must settle down to the conviction that millions of acres of California land must be manured. And we must see to it that some one be found to dis-

cover the proper manures, and to tell us what manure is best adapted to the particular soils that need it. This is not an easy matter in a State that has so many varieties of soil. But the work must be done, else we cannot recuperate impoverished soil, and without recuperated soil we cannot establish a fully developed system of agriculture. The difficulty is of a serious nature, but it must and will be surmounted.

Again: We have large tracts of alkali lands, which are in main non-productive, a situation that cannot be tolerated by a civilized people, who aim to establish a progressive system of agriculture.

At the University, the College of Agriculture has done much to show us how to recover these soils, and the University papers on this subject should be in the hands of every farmer. Considerable alkali land has been recovered following University suggestions, but, unfortunately, little effort has been made to recover the larger tracts or even the small spots that occur on almost every farm. The knowledge now available on this subject, is perhaps sufficient, but who will undertake the grand work of subjugating the vast tracts of alkali lands? I answer, that thousands will engage in this work when they discover that it can be done. Unfortunately in this as in everything else, our accumulated store of knowledge is not brought home to those who need it.

Again: Aside from that which is alkaline, we have large tracts of desert, so called. And yet a few trifling experiments have been sufficiently successful to convince the thoughtful and intelligent agriculturist, that every acre of that so called desert land can be put to profitable uses. Few know anything about these experiments; the actual facts are practically inaccessible, like a million other facts that everybody needs, but the other solemn fact remains, that the State of California, to do its proper work in developing a true system of agriculture; to do its duty in planting ten millions of people within its territory; to do its duty in establishing a high state of civilization on this coast, must recover for human uses every acre of land.

Again: To accommodate the wants of immigrants and those who are seeking investment, the State should investigate and map out the natural divisions of soil, etc., so that every one may be able to know accurately the character of all the soils of the State. Such a work would save untold misery, numberless failures, discouragement of effort.

Bearing in mind our main object, namely, the establishment of a comprehensive progressive system of agriculture, we come now to the crop problems.

The State of California is phenomenal in its comprehensive peculiarities. It has every variety of soil and climate known elsewhere in the temperate zones of this Continent, with those of the semi-tropical regions.

Not to enlarge upon this point and to come bluntly to the matter that we are after, we ask: Can we positively affirm that we are raising on any given acre the crop best fitted to its powers?

Can we affirm that we are raising in this State the most profitable crops? If we are raising the crops best suited to our several soils and climates, and those most in demand, we may ascribe the fact to accident as much as to intelligence. We have neither considered the power of the soil, nor the real demand of the world's markets. What farmer can truthfully say that he cannot produce on his land crops better adapted to his soil, and more profitably than those now

raised by him? Is it not barely possible, to say the least, that the "quinoa plant," the pyrethrum; the New Zealand flax; the ramie plant; the angola panic; the New Zealand salt bush; that cotton, sumach, sorghum; the large varieties of foreign forage grasses, and a large number besides, now unknown to us, may be better adapted to our soils and climates, and more remunerative than some of our present crops? Is it not possible that there are varieties of oats, barley, wheat, etc., that would drive out all the varieties now produced, by reason of their adaptability to our soils and climates, and make remunerative returns? We do know that the seeds now in use have superseded other seeds, and the fact suggests a probability of further improvement.

But after all this must be a continuous work, it can have no end until the seeds of the world have been tried; each variety must be tested in the several soils and climates, and the conditions of success or failure must be positively ascertained. In the East anything that will succeed in a given place, will also succeed in any other place within, say, five hundred miles. Here a plant that may be successfully grown in one place may be unfitted to the soil and climate of another place fifty or even ten miles distant. Successful experiments have been made, but we know little, because we do not know the conditions as to soil, climate, culture, and treatment.

But this much you will admit, namely, that we cannot consider our agriculture developed to a high state until we produce the crops best suited to our soil, climate, and market; that fact cannot be established without elaborate and careful experiment.

Then, I say, in the name of our common humanity, let the State and nation expend its millions in true experimental work, for in so doing they will hasten the day that will find on this coast a comprehensive and ever progressing system of agriculture.

But I must particularize somewhat in the matter of crops, for the purpose of impressing upon your mind the necessity of experimental work. Much attention is now given by our people to the subject of wine production, especially the production of claret grapes, and we are spending vast sums of money in the advancement of this interest. Is it not probable that our people are planting grapes on soils that will not produce what they expect? Experience as well as the investigation of the Viticultural Department of the State University answer this question affirmatively, by facts that cannot be denied. I will not go into the details of this subject, as the Viticultural Commissioners and the State University have done a work in this direction that cannot be overrated.

This variety of soil and climate, giving to the same grape a decidedly different composition, according to the peculiarities of localities, pushes to the front the unmistakable fact as good wine can be produced in California as elsewhere, only by blending of different varieties. What grapes can be most advantageously used in blending is the question of the hour. As yet we do not know. And few know the fact that with but two or three exceptions there is no one variety of grape that will by itself produce the best wine. Aside from these exceptions the best wines of Europe are produced by blending. Their advantage over us in this respect is found in the fact that they know by long experience what varieties to use in blending. Much is expected in this line of experimentation from the work of the College of Agriculture, now in progress upon the farm of

the Hon. J. T. Doyle, in Santa Clara County. These facts are mentioned to show that the peculiarities of California more than ordinarily require special investigation, and careful consideration, and that we have the talent among us requisite for successful experiment.

The same line of thought may be taken with reference to all the fruits, etc.

Without pursuing the discussion of the crop problem further, I desire to call your attention to another matter closely related, and of grave importance.

Great losses occur because of the excess of production in certain lines. Our people are apt to run in one line, producing the same crops, thus reducing the price. And no system of agriculture can be regarded as highly advanced until this evil is remedied. The remedy can only be found in intelligent and reliable crop reports. If some competent person could be found who would give his entire time to a consideration of probable and possible production, with careful deductions therefrom, as to the best crops for a given season, he would add immensely to the prosperity of California. And we may feel quite certain that a wisely developed system of agriculture will include thorough work in this direction. The necessity of this is so obvious that an Association of Fruit Growers has already been formed for this very purpose.

Other subjects press upon us, but they can only be alluded to.

Insect pests and fungi are beginning to attack our grain, orchards, and vineyards, and Messrs. Chapin, Cooke, Behr, Harkness, and others, have done good service in studying these subjects. Indeed, I may safely say that in fighting insect pests California already leads the world. But I feel constrained to say that more elaborate work is needed. We must, to meet the wants of a progressive system, employ the best talent the world can produce. We need accurate teaching, not only about the nature and habits of pests of all kinds, but also as to the best, safest, and most economical methods of applying insecticides. Without profound practical instruction in these matters we will be at the mercy of pests. If we can call on the State to defend our fields against savage tribes of men, why not expect the State to defend us against the pestiferous armies that are even more destructive?

A true, progressive, comprehensive system of agriculture must include forestry; the introduction of hard woods; the production and preservation of timber for lumber and fuel; the growth of trees as wind breaks, and tannin-bearing trees for manufacturing purposes.

The subject of forestry must be studied originally in this State. The cutting down of primitive forests does not involve the same consequences as in eastern countries, where denudation is followed by sudden floods and prolonged drought, because our denuded mountains rapidly produce a covering that is quite as useful as the forests that they succeed. But the lumber problem is as important here as there.

In relation to the tannin-bearing trees, I find in the Bulletin of the Professor of Agriculture of the State University, an important beginning of this discussion. I find there that there are many trees now successfully grown in California that are rich in tannin. I mention the fact to show you that we are already doing something in the line of that progress that will lead eventually to a comprehensive system of production that will place California at the head of progressive States.

I will not discuss the problems that are involved in the production and preservation of the highest types of domestic animals, but pass on to a very brief consideration of another matter that lies at the very root of a well developed, comprehensive system of agriculture. I refer to irrigation.

In many localities irrigation is not an absolute necessity. Nevertheless I am convinced that there is no part of the State that would not be the better for irrigation, while it is certain that there are immense tracts of arable land where irrigation is absolutely necessary. On the whole we may safely say that the productiveness of California cannot be commanded without such a system; that it is necessary to enable us to control droughts in places where irrigation is not generally needed. Many systems will spring up, and in the future the waters of Lake Tahoe will undoubtedly be distributed through the Sacramento Valley and the Bay counties. There will be local systems of reservoirs, wells, and canals, and systems more general, of which I need not speak, but there will also be special problems demanding solution, as we may even now see in the valuable work heretofore done in this young State. Many wells, streams, and lakes will be found to contain material in solution which will be found upon precipitation to be either very injurious or beneficial to the soil at certain times, as the case may be, and must, therefore, be studied. I can only suggest the problem, and reassert the proposition that a comprehensive State system of agriculture requires systematic irrigation.

I have now outlined the numerous problems, upon the solution of which depends the future prosperity of California. Each one of them presses upon us with nearly equal force, and the people of this State must see to it that they all receive the required degree of consideration. Without a solution, our system of agriculture must continue to be fragmentary, and to a large extent accidental, both in its methods and results. With a just solution will come a degree of prosperity that will place California in the van of all the States.

I started with the proposition that it is our duty as intelligent, forehanded people, to establish a system of agriculture adapted to the wants of a great people, and commensurate with the capabilities of our State; a system capable of progressive development for all time to come.

I then briefly enumerated the several difficulties that lie in the way of such an achievement, and which must be surmounted before we can accomplish much in the desired direction.

And I come now to the question of ways and means. What can be done to surmount the above named difficulties? In general, I answer, that in the natural course of things, a progressive people, such as ours, will surmount the difficulties named, and many more, as a matter of course—within the next thousand years.

But who among you is willing to leave the grand consummation to the influence of the general drift towards high development? Certainly not the men who, within a period of thirty-five years, have built a great State. For such men to discern a desired end is to act. No, delay is not for us; rapid execution is both our duty and to our taste. What, then, is needed to enable us to overcome our difficulties, and to establish the desired system of agriculture?

First of all we need knowledge—accurate knowledge—knowledge that can be tried without distrust. It is but little use to tell us that A B succeeded in producing something in a given place. What were

the conditions of his success? What was the nature of the soil; the climate? What were the conditions of moisture and cultivation?

In short, we need experimental work of the highest order; practical experiments by individuals and by the State. We must have experimental work in the different soils and climates. This knowledge, accurately ascertained, must be gathered up, sifted, and preserved by the highest scientific ability. It must be examined, tested, until there can be no doubt that absolute facts have been obtained.

Of such knowledge there is but little—there must be more, and from the highest authority obtainable. In most instances the experiments of individuals have been useful only to those who conducted them.

Without such knowledge about the several matters already discussed, improvements in agricultural methods must be slow and exceedingly expensive. Indeed, any kind of rational progress, without such knowledge, is practically impossible. If we are to make the progress desired, the State and nation must expend their money freely, though wisely.

I cannot let this occasion pass without calling your attention to the meager, and to my thinking, parsimonious appropriation by the Legislature of this State, for the benefit of the State Agricultural Society. In view of the acknowledged great good that this association has accomplished for the State at large, in stimulating and fostering every vital interest and resource within our boundaries; in quickening and encouraging the inventive genius of our citizens and mechanics; in directing the minds of our agriculturists, breeders, artisans, and miners to better and improved methods; in the recognition and substantial reward of progress and improvement in every direction, I must be allowed to say that the pittance of some $7,500 per year, oftimes grudgingly allowed by our legislators, is totally and ridiculously inadequate for the bare necessities of the case.

The Legislature of a State is legally, as well as in popular estimation, supposed to be the true voice of the people, but I may be allowed to say, without intending any personal offense, that in this particular matter our Legislature is not the proper mouthpiece of the people, and misrepresents the real sentiments of the people of California. If you will forgive the seeming egotism, I have mingled with the people representing every section, locality, and interest in the State, and I know from personal knowledge whereof I speak. The strange timidity of our legislators in dealing liberally with the State and district associations is in nowise justified by a large majority of the people who send them to the Capital of the State as their representatives. I venture the assertion boldly that the Legislature might quadruple the present appropriation, and more nearly represent their constituents than they do now, from the simple fact that all classes have a positive and correct conviction, that a larger return is made to the State for the money expended in this, than in any other direction, and consequently it is a tax that they willingly and cheerfully bear.

The President and Board of Directors feel that they have a right to ask for larger annual appropriations for the benefit of the State Agricultural Societies, not only on the ground that the highest good of the State demands it, but also upon the personal ground that they are the largest individual contributors to this public fund for the advancement of public and State interests.

I do not say it for myself, but for my brother Directors, that they do more work and at greater personal sacrifice for the public good than any other body of men of which I have any personal knowledge. I suggest that it is no mean tax that a member pays when he cheerfully travels from Los Angeles County or some other equally remote, at his own expense, and to the neglect of important private enterprises, to attend the frequent meetings of our State Board, and yet this is the mere recital of a fact. Have the members of this Board then a right to demand that the State shall be equally as liberal? Please bear in mind that we are no beggars, asking alms for "sweet charity's sake," but as administrators of a public trust confided to us, asking for the means to discharge our duties according to the expectations and requirements of the people. Grain shippers and all others seeking true information in regard to the true amount of the different crops of each year, will do well to put themselves in communication with the Secretary of this Board before coming to a conclusion as to the actual amount raised each year. The Bull and Bear element that often work great hardship to many a well regulated house have no standing with this society. The Bulls we keep on exhibition at the park, and the Bears keep a respectful distance in the mountains. Therefore, I say, without fear of contradiction, this society is the place to get true information of all the crop products of the State. Pardon me if I have drifted away from experimental farming, or as the Rev. Henry Ward Beecher terms experimental farmers, the fools that make wise men rich. With your kind indulgence, I will only make a few more suggestions. The State Agricultural Society, the Viticultural Commissioners, and the Boards of Silk Culture and Horticulture have also done good work in this direction.

It is still better to publish frequent bulletins containing a report upon and a discussion of single points. It will also be well to prepare and publish simple and plain agricultural primers containing the results of experimentation, thus carrying the work into families and schools. It will be desirable to educate our school teachers with a view to similar instruction. But we must go further and carry this work home to neighborhoods and individuals by personal instruction and correspondence. Every farmer must be induced to submit his questions directly to the source of scientific knowledge.

In addition there will remain a vast amount of valuable work to be done by the State Agricultural Society; a bureau of agricultural and labor statistics; the district societies; the several State commissions; the State Grange, and the press. I shall not dwell upon the work to be done by these agencies, because it is more obvious than that already considered somewhat in detail. But we must increase our efforts to unite all these agencies in active hearty coöperation. Hitherto our efforts have been too widely scattered, and we suffer from consequent delays and obscure methods.

With this distribution of labor, and coöperative spirit, we can make stupendous progress in a very short time. A few years will see the progressive development of a comprehensive system of agriculture that will enrich our people, and add millions to our population, accompanying in a very short time what in Europe has required centuries to achieve.

Can we do it? Is success within the range of possibilities? For myself, I can boldly say, that I look forward with absolute confidence towards grand success. I know that the capabilities of our State give

promise of all that can be desired. And when I study the character of our people, I feel still more confident.

Here in Sacramento we stand on ground consecrated by a degree of courage, intelligence, and skill that inspires exhilarating hope. The ground upon which this beautiful city is built, was wrested from swamps; once it was destroyed by fire, once by flood. Its people have stood sentinel over threatening fires and floods for years. They have lifted the very earth upon which the city stands; they have withstood sudden depressions caused by heavy removals of population; they have successfully contended against terrible fluctuations in values. And yet they have built a city that is the pride of California, with an assured future that gives absolute promise of universal comfort, wealth, and happiness. Is there anything that such a people cannot do?

Look over the entire State and behold the grand work already done. Thirty-five years ago an army of boys came here with nothing but spades, picks, and blankets. They were without money or State aid. They withstood heat and cold, drought, flood, famine, disease, and conquered in every fight. Behold, how they have made the desert to blossom as the rose. They have established towns, villages, cities, and a State. Order prevails, and prosperity blesses nearly a million of people. Can such a people fail in any enterprise that they may see to be necessary?

Behold then, boundless courage, quick intelligence, persistent energy, and pliant elasticity, side by side with opportunity, and know that only success can come.

In the department of fine arts our course has always been progressive. Year after year we have placed on exhibition a representative collection of works produced in the State of California. This year we open to you a new gallery, designed with the utmost skill of the architect, so that with an ample room and an unimpeded light you may be able to discover more easily all the beauties of light and shade and color contained in the pictures on the walls. In all fairs throughout the State there is no part more frequented by visitors than the art department. High and low, rich and poor, the educated and the uncultivated, seem to derive an equal satisfaction from viewing, criticising, and admiring the works of art offered for inspection.

This should be to us a source of great encouragement. First, because it is a sure indication of the natural refinement and taste of the community in which we live. Secondly, it is indicative of a state of prosperity in material affairs. The motto of all industrial communities is, "Business first, and pleasure afterwards;" and the fact that so many working men and business men can find time to examine and discuss works of art, argues a certain measure of success.

California has, in the comparatively short period of her existence, done a great deal for art, and I may say that she holds a high rank among her sister States for the number and ability of her artists, and for the generous patronage she has bestowed not only upon resident artists, but also on those of the Eastern States and foreign countries; but she has still a great work to accomplish in the future, if she is to take that place among the enlightened communities of the country to which she will be fairly entitled, by reason of her climate, her natural local advantages, her wealth, and general intelligence.

We have no lack of art teachers of greater or less capacity; but of

school, proper, but one—the California School of Design, supported by the San Francisco Art Association. This school has been established for twelve years. I have watched its progress, and made myself familiar with its management since its commencement. It has undoubtedly done a good work. Pupils have attended it from all parts of the Pacific Coast, from San Diego to Victoria. The average attendance is between seventy and eighty, though the roll sometimes mounts to upward of one hundred. About a dozen of the graduates are now studying in Europe, a number are following the profession in this State, and many are teaching the elements of art in schools and seminaries.

Without doubt the School of Design has done much to create and elevate taste in this community. Hitherto the only branches taught have been crayon drawing and oil painting; want of means has prevented expansion. Means from some source should be supplied to enable the Directors to supplement the present classes with others in modeling, water colors, wood carving, etc.

A gentleman who has recently visited the Eastern cities after an interval of four years, an enthusiastic lover of art, and withal an energetic practical business man, tells me that the evidences of improvement in taste, mechanical and artistic, is everywhere so observable as to be almost phenomenal, and sees it in the color and designs of buildings, in the external architectural ornaments, even in the signs; in fact, all things, external and internal.

This is real progress, and what we want to see is such palpable evidence of improvement in California. We want to carry the refining influence of art into the household of every farmer and mechanic in the State. Judicious selection of color in the painting and papering of our houses, appropriateness of ornament, elegance of form and fitness of purpose in our domestic utensils, are indications of this grateful influence. It will come gradually, but I am sure it will come in time. Let us do what we can to hasten it.

Directors, members, and fellow-citizens, to-day we leave the past behind us, and in this new palace of industry we inaugurate a new era. Older countries may have had their golden age in the past; ours is in the future.

ANNUAL ADDRESS

DELIVERED BEFORE THE STATE AGRICULTURAL SOCIETY, AT SACRAMENTO, SEPTEMBER 16, 1884, BY HON. L. J. ROSE, OF SUNNY SLOPES, SAN GABRIEL.

GRAPE CULTURE IN CALIFORNIA.

Ladies and Gentlemen: It is with much pleasure that I attend the annual return of this Fair, and year by year, note the improvements of the beautiful productions of our State—the profusion and beauty of the flower garden, the orchard, the vineyard, and the field, as displayed here.

Well may visitors to our coast look with wonder and admiration at our ever fresh display, running through every month in the year; at the varied hues and forms of flora, the wondrous size, fairness, richness of coloring, and luscious flavor, the gifts of Pomona, or the abundance and quality, the gifts of Ceres. California seems to be the favored abode of these deities, and where they delight to pour out their choicest gifts; where they add a new perfume to the violet and the rose; a brighter blush and softer down to the rounded cheek of the peach; more bloom and sunshine to the purple or the gold of the grape, and a lavish abundance which is at the same time the envy and admiration of the world.

Nor are we blessed with all these gifts in the vegetable kingdom only, for the animal kingdom fully keeps pace with all of this marvelous perfection.

Go to the Fair grounds—look through the stock department; see the sheep, the pigs, the cattle of various breeds as displayed there, and you will see a glow of health, and lines of beauty for each kind and breed, true to their standard, to delight the expert, the connoisseur, and the artist. Take the horse department—look at the gloss and sheen of their satin coats, see the soft undulating lines of their contour and muscle, denoting strength, speed, and perfect health—and the world cannot excel the exhibition. Nor are we left in the realm of opinion or belief in this matter; beliefs may be deceptive, for we all love our own the best; but we have proof. With not one hundredth part of the number, yet we are competing successfully in both trotting and running, against the combined stables of the East, and it is a reasonable belief that man, too, will attain a higher average organization; that time will produce individuals that will be the peers of other countries and lands; that individuals, from time to time, will crop out as our country grows older, that will be renowned in poetry, in oratory, in art, and in science.

I look around me here and see young, fresh, and beautiful forms and faces beaming with life and perfect health, reared or matured in this land, free from all enervating influences—a land, you may say,

free from all malaria or sickness of any kind—where man can enjoy every day in the year in outdoor occupation—with almost perpetual sunshine, with cool and refreshing nights, and with nature's gifts of beauty on every hand; a country bounded by the Pacific Ocean, with its cooling breeze by day, and on the other side by a range of snow-capped mountains and their refreshing breeze at night; with pure air, pure mountain water, and conditions of climate, where to exercise is a pleasure. Is it strange, in view of all this perfection, that man, surrounded by these favored conditions, should be the superior in either physical and mental development to his favored brother in other lands?

I envy the youth of California their future. They will enjoy and make the changes which I see will come, and come rapidly. This beautiful California, with its varied climate, with its tropical and its temperate zone, with their wide range of productions being of equal excellence, and the extremes are sometimes scarcely more than an hour's ride apart. Take this place—Sacramento—with its tropical atmosphere, with its tropical growth of flowers and trees which always fill me with admiration—note that peculiar, still, warm twilight, where the sunshine, after the sun has set, still lingers in the air. What a contrast to San Francisco, or any of the coast counties, where an overcoat is a necessary adjunct to one's wardrobe at all seasons of the year, and instead of the lazy quiet languor of your feeling, all is activity and rush, with nerves astrung for action and work, and the mind fired with energy and ambition. Yet each excels in some productions. The one is the home of the peach, the melon, the corn, and such crops as require heat; the other excels in the production of cherries, currants, potatoes, cabbage, and like products not requiring such an ardent sun.

Coming events, it is said, cast their shadows before. Already we can see here and there what almost every part of California will be. We have only to look at Riverside, Pasadena, Anaheim, San Gabriel, Alhambra, Fresno, and other bright spots, teaching us the possibilities of our country. It is but a few years since these beautiful tracts were the grazing grounds of cattle, covered with cactus and chaparral, with nothing to point them out as being better than the surrounding country; now they are like oases in the landscape, veritable Edens, containing a happy population who produce beautiful fruits and make wines to gladden the hearts of less favored countries.

To sing pæans to our country, which we all love, is a very pleasant task. But I have been asked to address you, for the reason that I may have some information on practical subjects, which may have some value to some of you.

For many years I have been engaged in the growing of the grape, and in the manufacture of wine. Some facts that I have learned and opinions I have formed out of this long experience, may be of value and benefit to beginners. The question of where to plant, will always be of great importance; and each man's experience becomes important, for experience is the only sure guide. There are now vineyards in every part of the State—enough at least to show that every portion can raise grapes fair to look upon and in abundance, and, to some extent, their product can be seen and compared. We have vineyards on the mountain slopes and in the valleys, and each locality claims some superiority. There is a general belief, however, that hillsides

are preferable. This, however, I think is only true as to some localities, not to all.

A hillside differs from a plane or level surface necessarily but in two ways; first, exposure when on the south and west side to the more direct rays of the sun; and second, to a more rapid shedding of water that falls as rain and the greater evaporation, having more surface exposed. It is true that the grape has an abhorrence of excessive moisture, causing many diseases and decay, and abundant sunshine is a necessity for their full maturity and excellence. Yet there is a happy mean, too, in this, and we may have too little of the first and too much of the last.

In Germany and France, and in the coast counties of this State, we have, as a rule, an excessive rainfall and a lack of warmth; and in these localities a southern slope may be a necessity to produce a grape of such quality as to make a superior wine. In the interior of our State, these conditions, however, are changed. We have an average rainfall of twelve inches or less (a scant sufficiency) and an ardent sun, at times scorching the foliage and burning the fruit. There, to go on a hillside would be only aggravating the trouble of a lack of moisture and an excess of heat, and a level surface would be a necessity, or if a hillside, then a northern exposure would be desirable.

Grapes will grow in California in all soils that will grow ordinary vegetation, and it is impossible to give exact information. What may be true in one locality, or for one variety of grapes in that locality, may not hold true in another. Grapes will grow, and produce large crops, in adobe soils, and I am not prepared to say that such grapes are not good. Stiff clay will also grow grapes. The berries will be small and the crop light, yet such grapes are very rich in color, and may make good wine. But I do not wish to plant grapes in either of these soils, if for no other reason than that it would require more than twice the labor to get them and keep them in order. The soil I prefer is sand and gravel, mixed with loam and clay, which easily pulverizes when plowed, for such soil will yield large crops of the best quality of grapes, and can be kept in good culture with a minimum of labor, and will retain moisture if properly cultivated. Of course, I would want this soil to be deep, with no underlying hardpan nor water near the surface, and would always use that which contained the most clay for dark grapes; for, as a rule, the more clay (which means iron) there is, the more color will the grapes contain.

The crowbar is used by me because it is cheaper, and if care is exercised it is as good as the spade. The great secret of success lies in the act of filling the hole, especially from the bottom. If a space is left at the bottom not filled with earth, then the cutting at that point will mildew. Dry rot will follow, and it is almost a certainty that all of it will die. Nor is it difficult to fill the hole with the crowbar. It only requires a little careful practice in a soil that easily pulverizes, so that the earth will clasp the cutting in every part underground. In adobe, or stiff clay, it becomes a very different process. I have, however, learned a way by which it may be done very easily and effectually. Make your hole as usual with the crowbar and insert the cutting. Then take sand dry enough to run easily, and fill your hole with it. This can be done quickly, and almost every cutting will grow.

When rooted vines are to be planted, trim the roots short enough so that the plants so trimmed will, with ease, go in the hole made by the crowbar. Long roots are no advantage, for where they have been

once formed, the callous and the short root surface will throw out new roots with the greatest ease.

Cultivating is one of the necessities for the growing of abundant crops, and if properly performed, all the moisture in a soil will be retained for the use of the crop to be grown. Cultivation acts beneficially, too, in other directions, for by loosening the soil it allows the air and warmth to penetrate more readily to the roots.

Rain as it falls is taken up by the soil, and is gradually carried down by the power of gravitation. This continual movement of the water is more or less active, in proportion to the quantity held by a soil, for there is a saturating point, varying in different soils, when the water moves with reluctance.

There is, however, another power, the very opposite to gravitation, the tendency to go down, namely: capillary attraction—the power for liquids to raise themselves in hair-like spaces or tubes. You can see this power by taking a cube of sugar and dipping the tip of it in your coffee, when the liquid will rapidly rise to every part of the sugar, until filled to its saturating point, when there will be no farther movement. Again the same thing occurs when you take the wick of a lamp, and as soon as one end touches the oil, the oil at once rises in the wick, filling all the tubes or spaces, and to that extent diminishing the oil in the lamp; but when saturated to the capacity of the wick, all movement ceases. Light, however, the end of the wick, when oil will be consumed to feed the flame, and a movement of the oil in the wick will begin, which will continue as long as the light burns, until all the oil in the lamp is exhausted.

This is the way water is removed from the soil. The sun is the lamp, a hard surface soil with unbroken tubes and spaces, or growing plants, are the wicks, and the soil, to a number of feet in depth, is the reservoir. As long as these wicks (the crust of the soil and plants) remain, evaporation will continue until the soil is exhausted of its water to several feet in depth. Thus water being removed from the soil near the surface, the soil below yields up part of its moisture to make both equal.

This being a fact, it becomes a study how to stop this evaporation; and we find we can do very much in that direction, for there are certain conditions which almost cut off evaporation entirely, as you can easily test for yourself. We find that capillary attraction goes on very easily through hard but porous substances like brick, loaf sugar, hard or compact earth, etc., but with difficulty in loose substances, where spaces are wide apart or broken up. For instance: take a dry brick, place it on a wet sponge, and it will draw the moisture out of the sponge; and if placed in the sun will evaporate the water in both in a short time. Reverse the order, put a dry sponge on a wet brick and no water will be taken up by the sponge, and if placed in the sun, the sponge will protect the water in the brick from being evaporated. Thus it is, that by plowing we break up the hard crust (a favorable condition for capillary attraction), with its tubes and small continuous spaces, changing it to a loose earth (without continuous spaces for the water to climb in), which acts like the sponge and forms a mulch to protect the moisture from the sun and stop evaporation, for there is no water to evaporate—the wick is cut off. That lands cultivated, but not planted to any crops, retain their moisture all Summer, many of you have observed. The conditions, however, are quickly

changed when such ground is growing weeds, or is planted in some crop. The reason for this is very simple—moisture and sunshine, or warmth, are a necessity for the growth of all plants.

It would be an interesting study to look into the processes of plant life, observe how they grow, and the different roles that water plays in the growth of plants; but a paper of this kind will not permit of this, and for our purpose it is sufficient to state that water is taken from the soil by the roots of plants, and is carried to every part of the plant where it is exposed to the sun, and most actively evaporated by the leaves; and this movement continues as in the lamp until the soil is exhausted of its water, when growth ceases.

This teaches us that we should keep our grounds clean from weeds, for to allow them to grow robs the soil of the water necessary for their crop. As I said before, all growth is at the expense of water from the soil grown in, and the adage holds here as in everything else: "You can't eat your cake and still have it." It follows, therefore, that the larger the plants, trees, or vines are, the more leaves there will be, and consequently more evaporating surface for the sun to act on, and the more water will be required and evaporated. You will readily see that if you raise weeds you will only have additional wicks to draw from your soil, and rob the crop which you wish to raise. Therefore, plowing and cultivating the soil accomplishes both purposes, by keeping your soil loose and in a favorable condition to prevent capillary action on the surface where the sun can get at it, and by destroying the not wanted vegetation with their connecting wicks of stems and roots in the soil to pump it up.

Cultivation should be as often as a hard surface or crust forms. This may be sooner or later, for different kinds of soils differ in this respect. Rain and irrigation will form it as soon as the surface dries, and for this reason light cultivation should follow every rain or irrigation, when possible, as soon as the soil will work kindly; and it will be found that such rain or irrigation, when followed by stirring the top soil, will do twice the good, and the ground will remain moist twice as long than when it is neglected. Even when there has been no rain or irrigation and the top soil is so dry that weeds do not sprout any more, yet if there is a crust on the ground it should be broken up to form a thin coat of loose soil, and your vines or crops will show the benefit in no doubtful manner by renewed growth and vigor.

What to plant becomes a very serious question, and I regret that there is so little information which are known to be facts. Most vineyardists and wine makers are agreed about a few varieties not to plant—as the Mission, Black Malvoisie, and the Muscat of Alexandria, for wine. I would say that for the present we have enough Zinfandel. The reason for my saying so is because we are finding among the new varieties that are now being introduced, grapes that make a much better red wine. And to find a grape that is uniformly productive, that will make a good red wine, of dark color and good keeping qualities—a wine which will be called good by the Englishman and the Frenchman—will solve the viticultural problem in California; for then we can all raise grapes and be happy, for we will not be able to overdo the planting of vines. The Zinfandel wine of some of the best localities is fair, but the bulk of that wine made in this State has too much acidity.

Much of it may be used with other wines for "blending;" but that

word blending always has a suspicious sound to me, and nine times out of ten it means that the wine to be blended has a grave fault or defect, generally excessive acidity; and much good wine is spoiled by trying to make a bad wine passable. I do not wish to say that blending may not be done, to the benefit of two or more kinds, for one wine may have too little color, or not enough astringency; while another may have an excess of either, or both, unfitting it to be drank as it is; or one wine may be almost neutral in flavor and bouquet, while another may have too much. Such blends are of utility in the hands of a man who understands his calling. It is quite likely that one locality may not be able to produce a wine of such quality as will fill all the requirements of a good wine. The cold, wet coast counties may make wine of too low spirit, lacking in color or body, when the interior counties, where there is a longer and hotter season, may be able only to raise heavy-bodied wines, strong in spirit and dark in color. If these should be actual conditions, then both sections would be benefited by an interchange. This is a fact in France, and doubtless will be so here.

California has made great progress in experimenting with many varieties—especially French varieties—of grapes in the last four years. In fact, more has been done in that direction in that time than in all time before, and we have already results in this experimental stage to show that we shall succeed and find the grape that we need. It is not certain that the same grape will be the desired grape for all sections of California; in fact it is almost certain that every marked difference in climate will have a different variety which may be especially suited to such climate; but there is a great variety of grapes coming from different countries with different climates, as different as the climate of our State and similar to ours. As yet experience is too limited to recommend with confidence any varieties for special localities. I wish I knew what to recommend to each locality, for I would like to be good even to myself. I can, however, tell you some general characteristics of some of the noted new kinds, as I have had probably better opportunities of seeing than many of you, and have heard the opinions of some of our most prominent growers and wine makers. The variety which stands, perhaps, the highest of all the new ones, is the—

Mataro.—It is claimed by those who have worked it up that it is a true claret grape, making a wine of dark color, somewhat rough to the taste when new, but improving with age—a wine that carries well and is almost impossible to spoil. I have seen it growing and bearing both in Los Angeles and Napa, and it is a good grower and heavy bearer.

Grosser Blauer is another of the grapes of very bright promise. It is very rich in tannin, making a dark, bright red wine of fine quality. The vine is healthy and a good bearer.

Carignan makes a smooth, pleasant red wine from the beginning, but it is claimed does not improve much by age. A heavy bearer, but is liable to mildew.

Trousseau makes a fair to dark colored wine of the highest quality for flavor and bouquet, and makes in the southern counties the best port wine yet made. It makes, too, a superior red dry wine, if the grapes are gathered when not over-ripe. It is free from mildew; a good grower; perhaps medium bearer. I consider it valuable, and have had some experience with it.

Cabanet, the *Shirraz*, and *Malbec* are grapes which make in Europe the finest of all wines, but where I have seen them growing (Napa Valley in 1883) they are very shy bearers; and for that reason of doubtful value, and would recommend them for experiment only.

Pri de Pedrix and *Gamay Teinturier* are two varieties of grapes whose juice, even before fermentation, is dark red, and when fermented make a wine of intense color—so dark that mixing one gallon of this wine with two of white wine would make a dark red wine, and I have much faith that red wines could thus be made of superior quality. Both of these grapes are heavy bearers, and I am very sure that such dark wines will always be in demand for mixing with wines that are deficient in color, and I intend to plant largely of both.

Petit Pinot or *Black Burgundy* is also a grape of much promise as a red wine grape, and a good bearer.

Ploussard has a good reputation about San José, the only place where it has yet been tried.

There are some varieties of American origin which I think may be very valuable for the warm localities in this State. I have no actual experience with them, and some of the wine men do not share in some of the beliefs I entertain. I speak of three varieties—

Lenoir, *Cynthiana*, and *Norton's Virginia*. We all agree that they are phylloxera proof; that the Lenoir makes a wine of intense dark color and valuable for mixing purposes; but when I claim that the Cynthiana and the Norton make a very superior wine, then we differ. I have drank the wine at different times, and I like it better than any other red wine. It is held, too, in high esteem East, selling for the highest price, fifteen dollars per case. This high price, no doubt, is partly owing to the limited supply. It is agreed that the wine has a most beautiful color and that it might be valuable for blending with others, and it is said that they all are good bearers. Another very valuable quality these grapes have for warm localities is that the vines retain their leaves under all trying and hot conditions of climate, and that no sunshine can scorch them, and that their large, dark green surface remains intact until Winter, fully protecting the grapes. Their drawback is that all root from cuttings with difficulty, and have to be rooted in nursery before planting in vineyard. I feel very safe, however, in recommending their extensive planting, for should my belief in their good qualities for wine purposes be erroneous, then they could be used for grafting upon, and, being phylloxera proof, would be very valuable.

As regards grapes for the making of white wine, I can speak with much more confidence, for our white wines, especially in the south, are much more satisfactory than our red wines, excepting our sweet wines, whether white or red, which are always satisfactory.

For warm localities, I can with confidence recommend the *Burger*. I have had it now for over ten years. It is the heaviest of all bearers, and makes a wine of good quality, which can be drank without tiring the palate day after day in generous quantity, and with pleasant effect to mind and body. It is a wine which will always be popular on account of its neutral flavor and aroma, and mild, pleasant acid. It also makes a superior brandy.

Blaue Elben makes a good white wine, is a good bearer, and usually healthy, but is not quite so desirable as *Burger* and some others.

Semillon and *Sauvignon Vert* are two very valuable grapes for mak-

ing superior and excellent Sauterne, which will always bring the highest price in market. Both are very heavy bearers.

Sultana may be regarded as a grape which promises well, for it has as yet been used only for wine making to a limited extent. What I have seen was of a very good Sauterne type. It is, perhaps, the largest bearer of all the grapes.

There are, of course, many more varieties, some of which are known to be valuable, and some are in a stage of experiment; but I have given enough varieties, and those which are likely to be of great value. To give more would be only confusing, and many of them had better be left for a time in the hands of those who follow experimenting, and thus be approved or condemned as time will teach.

There are many more points that suggest themselves which would be of interest for me to discuss. One thought suggests another, and it becomes difficult to stop; but I would tire you with these prosy details, and I will bring my remarks to a close. I cannot do so without a word of praise to the liberal people of Sacramento, in doing the lion's share in giving the people of this State this grand and beautiful Agricultural Hall. Our legislators are entitled, too, to the thanks of the agricultural community for the wisdom and liberality which they have ever shown in extending aid to our State Fair and the different District Fairs; for the appropriation to help build this building; and last, but not least, for the generous aid to the viticultural interest of this State, and for the maintenance of the Board of Viticulture. And this is as it should be. A land that is so favored by Nature should also have sons to aid it in the rapid march of development. I may say with confidence, that from every dollar so expended a hundredfold benefit has been derived.

The Board of Commissioners have all been educators, and also been educated, and viticultural people have learned more in the last three years about planting and caring for vines, about wine making, fermentation, curing raisins, grafting, remedies for vine pests, and other subjects pertaining to viticulture, than all their knowledge of previous years. I believe that Californians are the best posted people and are freer from prejudice on these subjects, than any other people on the globe.

All the Commissioners have done something to this end, and they have done it because they wish to help on the good work of making California in fact, as well as by nature, the favored vine land of the world—not for price, but for love of country and mankind. Very much, however, has been due to its chief officer, Charles A. Wetmore, for he has devoted his entire time and mind to the study and teaching about every branch of this subject. It is a hobby with him, and fortunately for us, his very nature impels him to be always ready in reading and observing. He seems to acquire knowledge intuitively and gather facts on the fly.

Mr. Arpad Haraszthy, the President, also has done much by his writing and speaking, and combines with his practical experience deep study and thinking. He is a hard worker and good educator.

Mr. Matthew Cooke has helped very materially in pushing the good work along, with experiments and in devising remedies for the various diseases of plants and insect pests.

But I wish to call particular attention to the work done by Professor Hilgard and his assistants, Messrs. Rising and Morse. They are doing work of incalculable benefit to the wine interest of the

State, in their analyses of soils of wines from different parts of the State, in his experimental wine making from grapes of the same varieties grown in various portions and climates of the State, teaching how the same grape differs in different sections and under different climatic conditions, and how to obtain the best results in different localities. Such experiments make facts for the guidance of wine makers and grape growers throughout the land, saving incalculable sums to all, and aiding and benefiting the grape interest of the State to an extent that may be counted by millions.

I do not speak of this matter to eulogize these gentlemen, although they richly deserve it, but to draw attention to the work they are doing with limited means, and to urge that when the next Legislature convenes, larger appropriations should be made to enlarge these fields of useful information, which are of such great benefit to our State. It will be like bread cast upon the waters, returning to this State in a thousandfold.

I have no doubt that this is a matter which requires only to be brought to the notice of the next Legislature, for former bodies have shown an appreciation in aiding all industries which tend to the public good. They have ever shown by their acts that they recognize that the farming, the producing interest, underlies all other prosperity; that when this flourishes all trade and labor is happy. We all feel and know that California is the specially favored land of the world, and that every man or woman who lives on its productive soil is ambitious to add to its beauty and prosperity. We all see the day in the future when every part will blossom as the rose; when almost its entire length and breadth will be densely settled by a prosperous, refined, intelligent people; when our long line of seacoast will be dotted by cottages, where the ceaseless waves dash themselves in thundering tones against the cliff-bound coast, mingling with the weird and shrill sound of the sea-bird's cry; or again, lapping their curly heads over the golden sands of some delightful beach. Or these habitations will creep up the sides of our snow-capped mountains, where the air is made invigorating by the cool breeze from the snow-capped peaks, and made fragrant by the odor of the pines; where the eagle soars in lazy circles around some eyrie, occupied by his mate; where mountain streams, with their cool and dancing waters, flash and sparkle their ripples and spray with ever changing beauty in sunshine and shade. Such homes will be surrounded by vineyards, through whose dark foliage will peep the purple clusters of the grape; or by trees laden with fruit of various beautiful forms and shades of color, and there, man, when his light day's labor is o'er, will lingeringly approach his home as he listens to the last song of birds to closing day, and be wooed by the fragrance of the rose and jasmine to his evening meal.

COLLEGE OF AGRICULTURE, UNIVERSITY OF CALIFORNIA.

The following papers show some of the results of investigations and experiments conducted by the Agricultural Department of the University of California:

EXAMINATION OF SOILS FROM THE NORTHERN COAST RANGE REGION.

Valley soil, from the higher ground in the Napa Valley, two miles south of St. Helena. A dark gray loam soil, largely intermixed with rock fragments (mostly soft yellow sandstone, partly angular bits of shale, both rocks occurring on the adjacent hills), and some rounded gravel, amounting to 21.7 per cent of the soil. There is a change of color to a lighter hue at twelve inches, and at from two to two and a half feet there underlies a somewhat close and more clayey material, with fewer rock fragments. In this respect the land differs from that lying further south, near Oakville, where the depth of the looser material is greater, and oftentimes gravel underlies it at from four to five feet. Otherwise the soil is probably substantially the same in its chemical nature.

Soil from Vaca Valley, understood to be from the bench land, sent by Mr. D. Rutherford, of St. Helena, with this question: "This soil grows apricots and cherries to perfection in Vaca Valley. What does the soil of this region (presumably such as No. 672 above) need to make it like this?"

While it is not always to be expected that chemical analysis can answer such a question, the soil sent was subjected to analysis, as no sample from Vaca Valley had thus far been received. The soil is a grayish dun, rather sandy loam, dry lumps crushing easily with the finger. Nevertheless, when wetted it shows considerable clay in becoming quite plastic when worked. Of course it is very easily tillable, and known to be several feet in depth without material change. Only 1.7 per cent of sand remained on the sieve with 1-56 inch meshes. The analysis of the fine earth is given in the table, alongside of that of the Napa Valley soil, for comparison:

	Napa Valley Soil. No. 672.		Vaca Valley Soil. No. 699.	
	Per cent.		Per cent.	
Insoluble matter	77.02	80.36	68.76	80.91
Soluble silica	3.34		12.15	
Potash		.75		.74
Soda		.48		.12
Lime		.60		.58
Magnesia		1.33		1.07
Br. oxide of manganese		.04		.05
Peroxide of iron		5.66		6.01
Alumina		6.67		6.23
Phosphoric acid		.10		.03
Sulphuric acid		.05		.02
Water and organic matter		5.25		4.28
Totals		100.29		100.14
Humus		1.67		1.00
Available inorganic		.46		.25
Hygroscopic moisture		4.50		6.07
Absorbed at	11° C.		13.5° C.	

The table shows that these two soils happen to be very much alike in all essentials of chemical composition save one, viz., phosphoric acid, which is over three times as abundant in the Napa Valley soil as in that of Vacaville, being quite deficient in the latter. Assuredly, however, the presence of that essential article of plant food would not interfere with the success of cherries. The difference doubtless depends in the main upon two points, of which the analyses can say nothing: First, the climate, which cannot be transported or changed; second, and probably most essentially, the fact that (as has been shown on Mr. Wheeler's very land) the laying of underdrains is very beneficial even to vines in that portion of the Napa Valley, and therefore, of course, much more needful for cherries. The latter, as well as apricots, seem to do well, however, in the deeper and naturally well drained soils near Oakville. It is therefore probable that underdrainage, to relieve the subsoil from all stagnant water, taking even the wettest seasons, would be the measure best calculated to make cherries succeed in the St. Helena soil. Both soils alike are rich in potash and lime, with abundance of humus in the Napa soil and a good supply in that of Vacaville. Both also are of good physical constitution, and of easy tillage. But the Vacaville soil will, before long, need the aid of phosphate fertilizers.

No. 779.—*Gray valley soil*, from near Winters, Yolo County; sent by Mr. J. C. Wyer, of Winters. The soil as received forms rather hard lumps, and should be designated as a clay loam or light adobe, the lumps being barely capable of being crushed between the fingers. On wetting, it softens rather slowly, but completely, and is then evidently readily tillable. Mr. Wyer remarks that it is necessary to harrow this soil very soon after plowing, otherwise it will remain rough for the season. From other samples sent by Mr. Wyer, it appears that in some places the surface soil is considerably heavier—true gray adobe—but is then underlaid, at about sixteen inches depth, by a material lighter in color as well as in texture, which then continues to the depth of three feet, as far as seen. On some of

this soil the earliest peaches are produced. At the spot where the sample analyzed was taken, the soil seems to continue the same for three feet, also; but the sample was taken to the depth of twenty inches only. "It seems to contain no coarse materials whatsoever. The samples sent I think are a fair average of thousands of acres in this section, but the land seems to change as you go west and north. The lands west, near the foothills, produce the early vegetables sent to San Francisco, and is lighter, having a reddish gravelly soil. At the same time it is good grain land; the land north is adobe, but is strong wheat land." The analysis resulted as follows:

Insoluble matter	56.78	74.37
Soluble silica	17.59	
Potash		.88
Soda		.17
Lime		.86
Magnesia		3.05
Br. oxide of manganese		.07
Peroxide of iron		4.46
Alumina		10.81
Phosphoric acid		.09
Sulphuric acid		.02
Water and organic matter		5.21
Total		99.99
Humus		.85
Available inorganic		.43
Hygroscopic moisture		7.31
Absorbed at	12° C.	

This is altogether a "strong" soil, with a high percentage of potash, a good one of lime, a fair one of phosphoric acid and of humus; in fact, considering that the sample was taken to the depth of twenty inches, and that humus rarely reaches beyond twelve, the percentage if given for the soil proper would be one half higher. If kept deeply and thoroughly tilled, it would be a very durable soil, well adapted to most fruits except cherries. Where it is heavier than the sample, the use of lime would doubtless be an advantage in facilitating tillage.

CONCERNING SPECIMENS SENT FOR EXAMINATION.

Many samples of various kinds, forwarded to the Agricultural Department for examination, come unaccompanied by any mark or label by which they can at once be identified with those alluded to in letters sent by mail. Sometimes such packages remain untouched for months for want of such identification, and at all times a great deal of unnecessary trouble results from the omission to place full labels with soil bags, etc.

It is especially requested that every sample sent, of whatever kind, should be fully marked, at least with the name of the locality and sender, besides such numbers or letters as may be placed upon it for reference; and that the express tag should, in every case, bear the name and address of the consignor, in the blank provided for the purpose.

EXAMINATIONS OF VARIOUS UPLAND SOILS.

No. 788.—*Red subsoil from the foothills near Ione, Amador County*; sent in by Thomas S. Crafts, of Ione, with request for an opinion as to fitness for fruit culture. The samples sent were the soils and subsoils

of two kinds of land—the red soil of the higher lands, and the light, chocolate-tinted loam of the valleys. Only the subsoil of the first has thus far been analyzed, and suffices to show the general character of the lands. The surface soil of the red land to the depth of twelve to thirteen inches, is relatively light, so that dry lumps can be readily crushed between the fingers—an easily tilled loam. The subsoil, thirteen to twenty-five inches, is a good deal heavier; the lump not to be crushed between the fingers, and quite adhesive when wetted. This subsoil varies in thickness; from a depth ranging from about thirty-three to fifty-five inches the red soil changes to a yellowish tint; then immediately upon the bedrock, which lies at variable depths, the color is bluish. The bedrock is slate traversed by ledges of "round, very heavy rock." Ninety-five per cent of the subsoil passes the sieve of 1-50 inch meshes, and the analysis of the fine earth gave the following result:

RED SUBSOIL, IONE.

Insoluble matter	48.98	67.67
Soluble silica	18.70	
Potash		.22
Soda		.10
Lime		2.77
Magnesia		1.80
Br. oxide of manganese		.09
Peroxide of iron		7.91
Alumina		14.98
Phosphoric acid		.04
Sulphuric acid		.06
Water and organic matter		4.11
Total		99.76
Humus in surface soil		.607
Available inorganic		.567
Hygroscopic moisture		7.09
Absorbed at	10.5° C.	

The percentages of potash and phosphoric acid in this subsoil are quite low for California, the latter ingredient being rather deficient. Doubtless the analysis of the surface soil would have given higher percentages of both; but the high figure for lime offsets in a measure the defect, in rendering the other ingredients active. While the soil would not endure long without fertilizers under grain culture, it is certainly well adapted for fruit, and whenever production shall become stinted, phosphate fertilizers will first be needed. High quality rather than quantity is to be expected from this land.

The chocolate-colored valley soil is doubtless richer in plant food, and would probably answer excellently well for apricots and pears, while the red land is more especially adapted to vines, almonds, peaches, and olives.

No. 643.—*Black waxy adobe*, from the Colton ranch, at the foot of Mt. Diablo, on the Alamo road. This is an adobe soil of the most extreme character thus far met with. It bears a growth of fine white oaks, in rare places large sunflowers, but little or no grass. When dry it is of a dark slate color, and of stony hardness. When wet it is as adhesive as birdlime, and vehicles running on it soon have their tires thickly covered with a firmly adhering, uneven ring of adobe, which must be from time to time removed by means of a cutting tool, in order to ease the team and occupants. Like the other adobe soils, it "slakes" quickly on wetting the stony, hard, dry

lumps; but it is difficult to find any condition of moisture at which it is easily tillable. It is free from all coarse particles, all passing through a sieve having meshes of 1-50 of an inch. The mechanical analysis gave the following result:

No. 643.—Black Waxy Adobe.

Fine earth	All.

Mechanical Analysis of Fine Earth.

Clay	43.54
Sediment of <0.25 mm. hydraulic value	34.05
Sediment of 0.25 mm.	1.59
Sediment of 0.5 mm.	2.59
Sediment of 1.0 mm.	3.13
Sediment of 2.0 mm.	2.79
Sediment of 4.0 mm.	2.26
Sediment of 8.0 mm.	1.76
Sediment of 16.0 mm.	.75
Sediment of 32.0 mm. and Sediment of 64.0 mm.	2.23
Total	94.68

Few tillable soils thus far analyzed show a higher clay percentage than this, which is not unlike the "buckshot soil" of the Mississippi bottom, in the proportion of its finest ingredients; but differs in that in the latter there is a gradual, regular "tapering off" from the finest toward the coarsest, while in the California soil there is one of those sudden breaks in the percentages, which seems in all cases to imply heaviness in tillage. The chemical analysis resulted thus:

No. 643—Chemical Analysis.

Insoluble matter	50.96	59.98
Soluble silica	9.02	
Potash		.19
Soda		.74
Lime		2.47
Magnesia		.89
Br. oxide of manganese		.07
Peroxide of iron		11.09
Alumina		15.69
Phosphoric acid		.06
Sulphuric acid		.05
Carbonic acid		Trace
Water and organic matter		8.30
Total		99.52
Humus		1.50
Available inorganic		.83
Hygroscopic moisture		13.5
Absorbed at	13.5° C.	

The remarkably small percentage of potash, and the high one of soda shown in this analysis, led to a repetition of the determination, but with a similar result. The phosphoric acid likewise is in small supply, while the amount of lime (two and one half per cent) is high, and should render the soil susceptible of better tillage than it seems to attain in ordinary practice, especially as the humus supply is quite large. But of all adobe soils thus far examined, this is the poorest in potash and phosphates, and therefore the least durable in cultivation. The black adobe soils of the San Ramon Valley proper, how-

ever, differ materially in aspect from this, and are doubtless richer in plant food.

Nos. 708 and 709.—*Bench and mesa soils*, from the Zaca ranch, between the Santa Inez and Santa Maria Rivers, Santa Barbara County. Sent by Mr. Oscar Steinbach, of San Francisco. This tract is understood to be mainly mesa land lying between the two main streams, and intersected more or less by small creeks, running dry in Summer, but sometimes carrying considerable volume in Winter, and whose narrow bottoms are largely quite sandy and stony. The slope lands bear a growth of scattering live and white oaks, with alfilerilla, bunch grass, wild oats, etc. On the mesa proper, about one hundred feet above the drainage, the tree growth is more scattering, but otherwise the vegetation is the same as on the slope or bench lands. There is little difference between the soil and subsoil for two feet, or even more.

No. 708 was taken from the westward valley slope, about fifty feet above the level of the creek bed; to twelve inches depth it is full of rock fragments and gravel, which forms thirty-eight per cent of its mass. The fine earth passing through 1-50 inch meshes, is of dark mouse color, rather blackish—a sandy loam. At forty-two inches the color changes to a lighter hue, but the subsoil continues the same for several feet.

No. 718 was taken from the mesa about one hundred feet above the creek bed; a dark mouse-colored loam, with much gravel and some rock fragments, to the extent of 47.6 per cent. The fine earth is a sandy loam, like 708, only somewhat lighter colored. The analyses resulted as follows:

Soils from Zaca Rancho.

	No. 708. Bench Soil.		No. 718. Mesa Soil.	
Insoluble matter	73.94	85.44	82.95	87.61
Soluble silica	11.50		4.66	
Potash		.56		.49
Soda		.31		.81
Lime		.90		.72
Magnesia		.73		.52
Br. oxide of manganese		.07		.05
Peroxide of iron		3.34		3.59
Alumina		4.03		2.46
Phosphoric acid		.14		.13
Sulphuric acid		.01		.02
Water and organic matter		4.51		4.36
Totals		100.04		100.76
Humus		1.29		1.77
Available inorganic		.81		.49
Hygroscophic moisture		8.21		3.26
Absorbed at	14° C.		16° C.	

There are no wide differences between these soils, save such as would be expected from the difference in location and the greater degree of moisture naturally prevailing in the bench land as compared with the mesa. Both have ample supplies of all the ingredients of plant food—potash, lime, phosphoric acid, and humus as representing the supply of nitrogen, and should yield excellent returns

under good cultivation and with sufficient moisture. As they are somewhat open they require deep tillage to enable the roots to penetrate readily through the gravelly subsoil, which, however, seems quite loose and pervious. In view of the climate and the inadequacy of water for irrigation, vine and fruit culture, but especially that of the olive, seems indicated as their most profitable use.

Soil and subsoil from Pomona Colony, Los Angeles County. Collected by Mr. N. J. Willson from Mr. House's place, three-quarters of a mile north ten degrees west from Pomona railroad station. The soil and subsoil scarcely differ in appearance down to thirty-two inches depth, and constitute a reddish-gray, rather sandy loam, easily tilled. Natural vegetation, alfilerilla, clover, malva, and rattleweed (Astragalus Sp.); produces about twenty-five bushels of wheat and ten tons of alfalfa per acre when irrigated, and is well adapted to fruits and cereals. The soil was taken to the depth of twelve, the subsoil from that of twelve to thirty-two inches.

Soil and Subsoil from Pomona.

Insoluble matter	72.52	-77.64	75.30	-79.17
Soluble silica	5.12		3.87	
Potash		.84		.96
Soda		.30		.30
Lime		2.35		2.05
Magnesia		2.23		2.15
Br. oxide of manganese		.04		.04
Peroxide of iron		8.10		7.34
Alumina		5.97		5.84
Phosphoric acid		.02		.05
Sulphuric acid		.02		.02
Water and organic matter		2.55		2.55
Totals		100.05		100.48
Humus		.32		
Available inorganic		.26		
Hygroscopic moisture		3.26		2.37
Absorbed at 11° C.				

This soil, judging from the great similarity of appearance, may be taken as representing a large area of similar lands in the San Bernardino Valley. The soil and subsoil differ but very slightly in composition. Both have a large supply of potash and lime, as well as magnesia, and in both the phosphoric acid is low; in the soil quite deficient, but apparently increasing with the depth. The supply of humus is very small, and its increase by green manuring would seem to be among the first needs suggested by the analysis. It must not be forgotten, however, that in these dry regions the surface soil is often of less importance than the subsoil, within which the roots must remain in order to be secure from heat and drought. Evidently such soil, while at first capable of high yields, will soon need phosphate fertilizers for the continued production of shallow-rooted crops at least; while alfalfa, vines, and other deep-rooted plants, will be able to draw upon the deep subsoil for their supply of that ingredient for a long time to come.

EXAMINATIONS OF TULE, MARSH, AND ALKALI LANDS.

TULE AND MARSH SOILS.

It should be remembered that the tules of California are of two distinct kinds, viz.: the land of the salt or tide-water lands, and those which are not now reached by saline tide-water, or fresh-water tules. Of the samples examined, No. 720, from Roberts' Island, belongs to the latter class, while the other two are of the salt marsh character, as is shown by their high contents of soda.

No. 720.—*Sediment soil from Roberts Island*, San Joaquin County. Sent by Mr. J. W. Ferris, of Stockton, on behalf of the Glasgow Land and Improvement Company. The sample is slate colored when dry, darkens greatly in wetting, and shows visibly the remnants of vegetation contained in it. The coarser part of this was taken out by sifting before analysis. It is of fine texture, with very little coarse sand, all passing through the sieve of 1-50 inch meshes. On heating it gives off a peaty odor, and becomes quite light colored and somewhat coherent, showing a considerable amount of clay in its mass.

No. 213.—*Soil from Novato Meadows*, near San Rafael, Marin County. Sent on behalf of the same interests by Mr. Christensen, the local superintendent. This soil is of a whitish gray tint, and contains many streaks of vegetable remains intermixed by the plow, it having been plowed once; appears to be more sandy than the Roberts Island soil. Here also the undecomposed vegetable remains were removed by the 1-50 inch sieve, the analysis representing the fine earth passing through. The soil is of a slightly brackish taste, and yields to water a somewhat brownish tint, showing that it is in an acid condition, as usual in such soils. The analyses resulted as shown in the table below:

No. 720—Tule Soils.

	Roberts Island.		Novato Meadows.	
Insoluble matter	40.65		39.70	
Soluble silica	21.18	61.83	24.95	64.65
Potash		.63		1.34
Soda		.26		1.80
Lime		.43		.87
Magnesia		2.18		2.77
Br. oxide of manganese		.05		.14
Peroxide of iron		10.01		5.21
Alumina		13.59		13.20
Phosphoric acid		.06		.07
Sulphuric acid		.09		.24
Water and organic matter		10.53		10.15
Totals		99.66		100.43
Humus		2.36		1.54
Available inorganic		.57		.31
Hygroscopic moisture		10.44		17.08
Absorbed at	17° C.		9° C.	

Taking into consideration the difference in location and condition, the two soils are not as unlike each other as might have been ex-

pected. The Novato soil shows by its high percentage of alkalies and of sulphuric acid (chlorine was not determined), the presence of the ingredients of sea water. Its potash percentage is extraordinarily high. Lime is in full supply, but phosphoric acid is only in moderate proportions, as in most California soils. Humus is, of course, in abundant supply, but is in an acid condition, requiring aeration, and would doubtless also be benefited by the use of some lime or marl. The high absorption of moisture is largely due to the presence of so much vegetable matter.

The Roberts Island soil, being thoroughly leached by fresh water, has less of potash as well as of soda, but still a full supply of the former. In lime it falls below the soils of the valley at large, much of it having, doubtless, been washed away in solution; and an addition of lime to the soil would doubtless be effective in moderating the "running-to-weed" which is noticeable in these lands, and is explained by the heavy supply of active humus, and, therefore, of nitrogen. But the phosphates are, again, only in somewhat scanty supply, and will doubtless be the first want felt in cultivation. For the present these lands are understood to be profusely fertile, sometimes embarrassing the farmer by the heavy stalks of the grain, in regard to the coarseness of his hay.

No. 787.—*Marsh soil from Grizzly Island*, Sacramento County; sent by Mr. Warren Dutton, for examination as to its being sufficiently substantial to become a soil when cultivated. The soil resembles that from Novato meadows, but contains a much larger proportion of vegetable matter, and is very spongy. After drying at 100°, it lost 29.7 per cent on ignition, showing that the surface to the depth to which the plow can reach is composed, to the extent of nearly one third of its weight, and quite half of its bulk, of undecomposed vegetable substance. It is, therefore, almost too much of a "muck" to be directly available for cultivation in its present condition.

Alkali salts from the "wire-grass land," near Visalia, Tulare County. Leached from a sample taken in the wooded flats, two miles west of Visalia (soil No. 585; see Report of College of Agriculture for 1882, page 26). This soil is a very productive one, and the analysis shows unusually high percentages of potash, lime, and phosphoric acid. It being quite light in texture, the alkali does not interfere with its tillage, although the black rings it leaves upon evaporation of puddles of water standing on the soil show that it contains a large amount of carbonate of soda. The soil was extracted with water, which dissolved 1.20 per cent of its weight. On ignition it lost about two fifths, or .50 of organic matter (dissolved humus); and of the remaining .76 per cent, .51 was again soluble in water, leaving .25 of insoluble residue, consisting mainly of carbonate of lime, with a little magnesia, as well as some iron and alumina (perhaps simply a little clay).

The soluble part, the "alkali" proper, was composed as follows:

Alkali Salts from Near Visalia.

Carbonate of soda	45.3
Carbonate of potash	13.8
Chloride of sodium (common salt)	4.4
Sulphate of magnesia (Epsom salt)	8.1
Tri-phosphate of soda	10.4
Sulphate of soda (Glauber's salt)	13.4
	100.4

It thus appears that of the soluble part of this alkali, nearly two thirds (64.1 per cent) consists of carbonates, which, therefore, in the original soil would constitute .32 per cent of the weight of the soil, including nearly .10 of potassic carbonate (saleratus). The total of potash found in the original soil is 1.224 per cent, a very unusually high percentage. It is therefore quite clear that no potash manures will be needed in this soil for a generation at least; and so long as phosphate of soda circulates in the soil water, no bone meal will be called for. When this soil shall have been freed from its alkaline carbonates by the use of gypsum, it must become one of the most profusely fertile in the State.

Alkaline efflorescence, from soil on Kern Island, sent by Mr. Isaac B. Rumford, Bakersfield, February 27, 1883. The crust yields to water 21.15 per cent of soluble salts; the solution upon evaporation and ignition of the residue, gives:

Again soluble	94.94
Insoluble	1.70
Organic matter and water	3.34

The soluble part is composed as follows:

Sulphate of soda	70.61
Carbonate of soda	14.82
Chloride of sodium	4.13
Sulphate of potash	4.72
Carbonate of magnesia	.45
Total soluble	94.73

Insoluble part:

Carbonate of lime	.58
Carbonate of magnesia	.17
Sulphate of lime	.08
Iron oxide and alumina	.32
Silica	.55
Total insoluble	1.70

This "alkali" is accordingly of the milder sort, containing only a relatively small proportion of the noxious carbonate of soda. This explains why the crops on Kern Island can succeed in spots on which at times the white efflorescence can be bodily scooped off. Yet the transformation of the carbonate of soda, by the use of gypsum on the soil, would be an undoubted improvement.

EXAMINATION OF SOILS FROM SOUTHERN CALIFORNIA.

1.—SOILS FROM REDLANDS COLONY, SAN BERNARDINO COUNTY.

A set of soils representing this region was collected and sent by Messrs. J. S. Edwards and E. G. Judson, of Redlands. The colony is situated on a stretch of mesa at the head of Santa Ana Valley, sloping from the foothills to the sandy valley land, a distance varying from one to two miles, while the mountains are about seven miles away. The elevation ranges from 1,300 to 1,500 feet above sea level, the dis-

tance to the coast being about fifty miles. The sea breeze prevails in Summer, an east wind at night; light frosts in Winter are not severe enough to injure young orange trees. There is little natural growth on the soil save alfilerilla and scattering clumps of a low brush.

The prevailing soil of the region is a reddish-brown, sandy loam, containing a good deal of coarse, angular sand. This material changes but slightly to the depth of from three to four feet, where it is mostly underlaid by an orange-yellow hardpan, flecked with white, the white spots being grains of coarse, angular sand, or rather, granitic debris, consisting mainly of quartz and feldspar, with a little black hornblende, and magnetic iron ore (black sand). The hardpan appears in gullies and ditches everywhere, being usually many feet in thickness. It is quite porous, and its cement is a red clay, which softens in water with little difficulty. Dry lumps can also be crushed between the fingers, so that this subsoil may be considered as fairly penetrable by roots. Occasionally this hardpan approaches the surface so closely as to take direct part in the formation of the soil.

The analyses of the soil and subsoil hardpan resulted as follows:

	Red Soil, 12 inches in depth—No. 728.	Hardpan Subsoil, 3 to 4 feet—No. 734.
Fine earth	57.9	81.2
Coarse sand	42.1	18.8
Analyses of Fine Earth.		
Insoluble matter	69.56	67.14
Soluble silica	11.82 } 81.38	10.81 } 77.95
Potash	.85	.32
Soda	.11	.40
Lime	1.34	1.44
Magnesia	1.11	2.58
Br. oxide of manganese	.08	.07
Peroxide of iron	3.46	4.86
Alumina	8.87	10.08
Phosphoric acid	.06	.06
Sulphuric acid	.01	.03
Water and organic matter	2.69	3.00
	99.96	
Humus	.37	
Available inorganic	.27	
Hygroscopic moisture	3.37	5.86
Absorbed at	12° C.	12.5° C.

As regards, first, the mechanical nature of these materials, it is striking that the hardpan subsoil contains so much less of inert sand than the surface soil, although its aspect would lead to the contrary conclusion. The hardpan is considerably more retentive of moisture than the surface soil, albeit the latter contains some humus to increase this factor. The humus percentage of the soil is, however, very small, and constitutes its chief defect, as in nearly all the mesa soils of the southern region. The hardpan stratum secures the land against waste of irrigation water, and against drought by its high retentiveness of moisture.

Chemically, the surface soil is rich in potash (so heavily drawn

upon by vines), while the hardpan is relatively poor in that substance. The lime percentage is the same in both, and is ample. In phosphoric acid, both alike are above the limit of deficiency, but the supply is not large, and will probably be the first needing to be replenished when the soil becomes "tired." Still, in view of the depth and perviousness of the subsoil, it may be long before this condition will make itself felt in the case of deep-rooted plants, such as vines and fruit trees.

Two other soil varieties are found in the colony, differing from the one analyzed mainly in the greater proportion of sand, which in one case is very coarse. The latter overlies the hardpan to the depth of four or five feet, and is reported to have shown an especially thrifty growth of the vines planted, though the latter have done well on all. Probably for the first years at least, the thriftiness of the vines will be in direct proportion to the depth of the surface layer of soil.

SOIL FROM THE CAJON VALLEY, SAN DIEGO COUNTY.

The Cajon Valley, which has come into wide notice only within a year or two, lies fourteen miles inland east of San Diego City, and may be approached either through Choya Valley or across the mesa; the highest elevation on the route being about 700 feet. The valley is of an irregularly rectangular shape, and is surrounded on all sides by hills, which on the north side form a gradually ascending rolling country, while elsewhere they are more abrupt; thus, with the angular form of the valley, giving rise to the name (signifying a box). The San Diego River valley forms the northern edge and the lowest portion of the plain, about 350 feet above sea level; from this there is ascent to 500 feet at the southern border, four miles away. There is also a slight slope from the east and west sides toward the center; the greatest diameter in this direction being five miles.

Several smaller valleys, among them Sycamore Cañon, come from the sides, but none of these have any permanent waterway. The river valley is well timbered with willow, sycamore, oak, and cottonwood. The rest of the valley is treeless.

The prevailing soil outside of the river valley is an orange or reddish-brown sandy loam, varying in depth from twenty inches to three feet without sensible change, the latter being the more common depth. The soil stratum is underlaid by a more compact clayey material, which, however, easily softens in water, and is readily worked when at all moist. This "hardpan," as it is sometimes called, is from fifteen to twenty-five feet in thickness, and is easily penetrated by the roots of trees and vines. Beneath it water is found in wells at depths varying from seven feet at the north end to thirty feet at the southern border; the water supply being about the same through the year, and, with but two or three exceptions, of good quality. The latter occur near the northwestern corner of the valley, where there are some alkali spots on a heavy dark adobe soil, of which small tracts are found on the western slope.

The analyses of the red soil, taken to twelve inches depth, and that of the subsoil, taken at three feet depth, both on the Cajon Land Company's tract, resulted as follows:

RED SOIL AND SUBSOIL, CAJON VALLEY.

	Soil. No. 791.		Subsoil. No. 792.	
Coarse sand	20.00		25.5	
Fine earth	80.00		74.5	
Analysis of Fine Earth.				
Insoluble matter	83.404	87.209	71.900	80.043
Soluble silica	3.805		8.143	
Potash	.729		.670	
Soda	.290		.188	
Lime	.775		1.028	
Magnesia	.692		1.340	
Br. oxide of manganese	.063		.054	
Peroxide of iron	4.358		7.392	
Alumina	4.167		5.988	
Phosphoric acid	.053		.054	
Sulphuric acid	.069		.011	
Water and organic matter	1.913		3.081	
Totals	100.318		99.849	
Available inorganic	.334			
Hygroscopic moisture	2.312		7.456	
Absorbed at 10° C.				

The "coarse sand" shown in the above table ranges from one twentieth to one fiftieth inch, and consists mainly of various kinds of quartz, with a little feldspar and some hornblende, evidently of granitic origin. Most of the grains are partly rounded, as though they had been transported some distance. While the subsoil contains somewhat more of this sand or debris, it also contains more clay than the surface soil, as is plainly shown in its higher attraction for moisture (7.5 instead of 2.3 per cent), and in its stiffer working when wetted. Being deeply covered by the light soil, this subsoil will be slow to lose its moisture in the dry season, and, being readily reached and penetrated by the roots, the remarkable fact that these lands can, to a great extent, be cultivated without irrigation, finds its explanation.

Chemically, the difference between soil and subsoil is but slight, so far as the supply of plant food is concerned. In potash they are nearly alike, and the supply ample; the phosphoric acid percentage is identical, and quite low, yet, in presence of a good supply of lime, especially in the subsoil, which is of such unusual depth, a deficiency in this respect will not be felt for some time to come by deep-rooted crops. Phosphates will doubtless, however, be the first fertilizers needed to be supplied when the time comes. As in nearly all upland soils of the southern region, the supply of vegetable matter is quite small, and should in cultivation be increased by every possible means.

All the characters of this soil point to its preëminent adaptation to the cultivation of fruits, especially of those which, like the grape, can readily be so managed as to draw but lightly upon the phosphates and nitrogen of the soil, by a return of the pomace and other offal. High quality rather than exuberant quantity of product is foreshadowed by the soil characters; yet the experience had shows that even in the latter respect, the Cajon lands are not behind, the great thriftiness of vine and tree growth being a matter of record; as is, also, the

excellent quality of both raisins and wine already produced. Regarding the latter, the analysis of a Zinfandel claret has been given and commented on in a previous bulletin (No. 9).

The soil of the San Diego River Valley is a fine sandy loam of a dark mouse color, glistening with mica scales; it becomes somewhat heavier downwards, and at three feet is chocolate-colored and moderately coherent. From its appearance it should be very productive.

EXAMINATIONS OF GRAPE-GROWING SOILS.

No. 727.—*Sandhill soil*, from a tract near Fancher Creek Nursery, about seven miles southeast from Fresno City; sent by Dr. Gustav Eisen, of Fresno. This is a representative sample of the soil of the higher sandhill ridges which traverse the Fresno country irregularly, mostly in a northeast and southwest direction. They are but slightly elevated above the general level of the country, and frequently without any obvious relation to the present drainage. Their sandy soil passes by gradations into the brown adobe bordering the foothill streams, or into the reddish, light loam of the country inland. In some cases their material was originally so loose as to be blown about by the wind. Their vegetation was the usual one of dry lands in the San Joaquin Valley, viz.: In Spring, more or less of the bright flora of gilias and dwarf sunflowers (*Baeria chrysostoma*), and during the dry season the drought-resisting turkey weed (*Eremocarpus setigerus*) and the blue camphor weed (*Trichostema lanceolatum*), with a few others. Since irrigation has become general, and the land has filled up with water, the deep, pervious soil of the sandhills has followed the general example of the plain in growing up into tall weeds, such as the pig weed (*Erigeron Canadense*), cockle bur (*Xanthium strumarium* and *spinosum*), sunflower (*Helianthus Californicus*), and others. This rank growth has encouraged the settlement of sandhill tracts, previously supposed to be too poor for profitable cultivation, until at present large areas of such soil are occupied by flourishing colonies, *e. g.*, the Scandinavian. The question now arises, how durable the productiveness of this soil is likely to be.

The sample sent by Dr. Eisen is very sandy and unpromising looking—probably the extreme of its kind. It was taken to the depth of 12 inches. The whole of it passes through the sieve of 1-50 inch meshes—a fine grayish-yellow sand, with black particles (which are mainly hornblende), while the white portion is a mixture of angular quartz, feldspar, and glassy particles of pumice-like aspect under the microscope—a material of which considerable beds are found on Kings River where it issues from its cañon in the sierra. On moistening, it scarcely becomes adhesive.

The chemical analyses resulted as follows:

	Fresno Sand Hill Soil. California.	Homochitto Bottom Soil. Mississippi.
Insoluble residue	86.58	91.97
Soluble silica	3.53	
	90.11	
Potash	.19	.15
Soda	.38	.04
Lime	.99	.12
Magnesia	.78	.21
Br. oxide of manganese	.06	.28
Peroxide of iron	3.20	1.18
Alumina	3.13	3.27
Phosphoric acid	.02	.08
Sulphuric acid	.04	.05
Water and organic matter	1.53	2.70
Totals	100.43	100.05
Humus	.43	
Available inorganic	.50	
Hygroscopic moisture	1.21	4.05
Absorbed at	12° C.	8° C.

It cannot be expected that in a soil containing ninety per cent of inert sand, large percentages of plant food should be found; and if the figures in the above table referred to a clay soil, or to a sandy soil of little depth, little could be said for it. But when such sandy material is from six to ten feet and more in depth, and roots can penetrate it as fast as they can grow, the case assumes a different aspect, since in that case the plant can and does utilize as a source of nourishment not (as is the case in close soils), twelve to twenty inches, but from three to eight feet, as is shown by inspection. To obtain the proper comparison with a clay soil, therefore, we should multiply the figures in the table by three or four, which will give respectable percentages of all, and a very high one especially of lime. By way of illustration, the analysis of a soil somewhat similarly circumstanced in the State of Mississippi, and noted for its high production of cotton for many years, is placed alongside. The sand hill soil is eminently a calcareous one, and as such its plant food is in a highly available condition. At the same time, the high figures for soda and sulphuric acid show the presence of some alkali, viz.: Glauber's salt, which is, with the lime, perceptible in the well waters of the region. Here also, however, phosphoric acid is relatively the lowest in supply, and will be first needed when fertilizers are called for by the falling off of production. At the same time the increase of the humus or vegetable matter of the soil should be favored in every possible way, since in so pervious a soil with so much lime, the supply will, under tillage, rapidly decrease in so hot a climate.

One point needs mention in this connection, viz.: the rapid rise of the bottom-water level that has lately occurred from the multiplication of irrigation ditches without any corresponding arrangements for drainage. Of course, roots cannot penetrate beyond the water level, and will not ordinarily exercise their functions even very close to it. When, therefore, the water is found in the bottom of fence-post holes, as is now the case in some fields of such soil, the available depth of soil is correspondingly reduced, just as though the bedrock

were found at the same depth. When this happens in the case of such deep feeding plants as the vine, it is simply ruinous, and if it does not result in the death of the vine, must greatly reduce both the quantity and quality of its product. This is a growing evil which even now sorely afflicts some vineyards, whose owners have never ceased to imagine that the one thing needful for success in that region is plenty of water, and that there cannot be too much of a good thing.

No. 799.—*Valley soil*, taken on a creek heading near Nun's Cañon, on Oakville and Glen Ellen road, Napa County. The valley is a narrow one, of a briskly flowing stream on the Napa side of the divide. It is not under cultivation near the point where the sample was taken, but the spot is remarkable for the luxuriant growth of wild grapevines, which cover not only the bottom, but run up high on the hillsides. The opportunity seemed a good one for ascertaining just what kind of soil the California wild vine delights in, thus giving a clue to the proper selection of soils on which it is to form the stocks. There is apparently little change in the soil for twelve or eighteen inches; it is of a gray tint, stiffish, and bakes very hard when dry, untilled; a light adobe or clay loam. For want of tools for digging, the soil was taken to the depth of eight inches only. It contains no coarse material save a fragment of slate here and there. Its analysis resulted as follows:

VALLEY SOIL, SONOMA MOUNTAINS.

Insoluble matter	63.55	69.09
Soluble silica	5.54	
Potash		1.66
Soda		.22
Lime		.60
Magnesia		1.94
Br. oxide of manganese		.11
Peroxide of iron		4.51
Alumina		13.71
Phosphoric acid		.17
Sulphuric acid		.07
Water and organic matter		7.68
Total		99.55
Humus		2.16
Available inorganic		.49
Hygroscophic moisture		7.78
Absorbed at	15° C.	

The analysis shows good cause for the preference of the vine for this soil, which is an unusually rich one in all the elements of plant food. Its potash percentage is the highest thus far observed in California outside of alkali lands. Its supply of lime is not unusually large, but still abundant; its phosphoric acid percentage is among the highest thus far found in the State, as is, outside of marsh soils, that of humus. In fact, any plant whatsoever might be well pleased with such a soil; and the facts show that the native vine can be a rank feeder when opportunity is offered. These vines seemed to be young and had little fruit set; but whether the latter point was an accident of the season, or whether the soil is too rich for full bearing, requires farther observation to determine. If the latter be true, the remedy in such cases would lie in the use of lime around the vines.

Examination of soil from San Diego Peninsula, San Diego County.—This soil, samples of which were furnished by Mr. Charles Wetmore, represents the wider and more northerly portion of the low, sandy

peninsula which separates San Diego Bay from the ocean. It is covered with thick, low brush, of a kind not specified, and has not until lately been brought into cultivation. The surface soil is very finely sandy, of tawny tint, becoming more decidedly yellowish as the depth increases, and fairly yellow and somewhat more coarsely sandy at four feet depth. When wetted it becomes but very slightly coherent, and on drying falls apart by its own weight. The vigorous growth of chaparral upon it, however, suggests that it must have some substance, and this is confirmed by the following analyses of samples representing a tract of about 2,500 acres:

	Soil, 1 Foot. No. 795.		Subsoil, 4 Feet. No. 796.	
Insoluble residue	88.898	91.330	90.462	92.9
Soluble silica	2.432		2.438	
Potash	.304		.257	
Soda	.117		.194	
Lime	.500		.370	
Magnesia	.377		.317	
Br. oxide of mangauese	.047		.054	
Peroxide of iron	1.975		1.916	
Alumina	3.555		2.790	
Phosphoric acid	.097		.061	
Sulphuric acid	.005		.033	
Organic matter and water	1.597		1.173	
Totals	99.913		100.065	
Hygroscopic moisture Absorbed at 12° C.	1.50		3.69	

It is needless to say that soils containing from ninety-one to ninety-three per cent of sand cannot contain high percentages of plant food, as compared with loam or clay soils. But the extreme penetrability of such soils by the roots renders what plant food they do contain extremely available, and as a matter of fact, when of considerable depth, such soils are often both productive and durable.

In the present case the plant food percentages are no smaller than are found in many of the soils of the southeastern States that are profitably cultivated in cotton, although of much less depth. Compared with these the supply of potash in the San Diego soil is fair, and the soda representing possibly injurious sea salts, is but sparingly present. The lime supply for so sandy a soil is very large, and speaks of the high availability of the plant food present. The supply of phosphoric acid in the surface soil is large for such a soil, and not deficient even in the sandy subsoil. The whole compares favorably with those soils of the Gulf coast, on which sea island cotton has been successfully grown for years, and which are equally or even more sandy. It is therefore certain to be found productive. Among fruits, the olive would probably be best adapted to the situation.

MR. J. A. BAUER'S PHYLLOXERA REMEDY.

As a general answer to numerous inquiries concerning the probable efficacy of the phylloxera remedy devised by Mr. J. A. Bauer, of San Francisco (viz., the introduction of finely divided quicksilver into the earth around the stock), regarding which several articles have lately appeared in the public press, the following points, based upon the known and observed habits of the insect, are here given in advance of the experiments which it is hoped will be extensively made during the coming season:

There can be no question as to the efficacy of metallic mercury finely diffused through the soil in killing the phylloxera or any other small insect remaining within its reach for any length of time. Apart from the experience long had in this respect in the means used for the preservation of various articles, insect collections, etc., from the attacks of small insect depredators, the direct experiments of Mr. Bauer on earth and roots infested with the phylloxera have been entirely conclusive as to the inability of the latter to live more than a few hours in the atmosphere created in a close space, or in earth, at the ordinary temperature, by finely divided mercury. The conclu sion that a soil column of six or eight inches depth, impregnated with the mercurial vapor by intermixture with "blue mass," will effectually prevent the passage through it of the slow-going insect, is therefore fully justified. Many other substances might be used to act similarly in this respect, *e. g.*, gas lime; but none others thus far suggested possess the permanency of the mercurial preparation, and the entire innocuousness toward even the most delicate rootlets, unless perhaps in the case of the direct contact of the globules themselves. On this point certainly Mr. Bauer's inspiration has been a most happy one, and while the introduction of mercury into boreholes made in the stem of the vine has long been suggested and found to be useless, his suggestion is, so far as known, altogether new and certainly original.

Were it feasible to impregnate the *entire* soil of a vineyard with the mercurial preparation, the phylloxera, being unable to ascend to the surface, would probably in a few generations be compelled to succumb, as the "winged form" could not then perform its functions toward the renewal of the tribal vigor by sexual reproduction. Since, however, so extended a use of even this very dilute insecticide is hardly practicable on the large scale, it remains to be determined to what extent its use *immediately around the trunk of the vine*, in the manner proposed by Mr. Bauer, will be likely to serve the purposes of prevention and repression.

The interposition of obstacles to the passage of the insect along the stock was among the early suggestions of aspirants to the great prize offered by the French Government for the discovery of an effectual remedy. We have among the inventions aiming in that direction even a proposition to incase the stock in a plaster jacket of several inches thickness. It will be surmised that the sagacious insect was not long in discovering a convenient path outside of the lump of plaster toward the coveted roots.

In the case of Mr. Bauer's plan, however, the descending or ascend-

ing insect innocently crawls into a well-laid trap, which gives no outward sign, even by an obnoxious odor. According to the experience had thus far, it seems quite likely that the unwary travelers would find themselves ensnared before they had any intimation of danger; and as there can be no doubt that the great bulk of the ingress and egress ordinarily takes place along the trunk of the vines after the egg laid by some wanderer on the leaves or branches has hatched, it can hardly be doubted that a considerable repressive influence would be exerted by Mr. Bauer's remedy, even where the phylloxera already exists, and that it would also act as a fairly effectual preventive of infection for many uninfested vineyards.

Its *universal* efficacy is, however, limited by the fact that (as has been observed in Europe, and quite lately and very prominently in this State), not only the winged form of the insect, but even the young larval one, will ascend abundantly to the surface of the ground from shallow outlying rootlets, and will from thence progress slowly but surely over the surface to neighboring vines. Direct proofs of this fact have been had here within the last few weeks, and will be published in connection with other new observations, in a subsequent bulletin. It follows that when such shallow rootlets are abundant (as they are in some soils), the obstacle or trap placed along the stock may affect the welfare and diffusion of the insect only in a slight degree. It is still true that even in this case great numbers of the wanderers will perish without reaching the safe harbor of a root, since most of them will try the route along the stock, and will there succumb to the mercurial trap. Still some will be likely to find their way *down* to the superficial rootlets, as the multitude found its way *up* from them; and this will be the more surely the case the more the soil is liable to be summer-cracked, or the coarser its tilth. In close sandy and in well-tilled soils, on the contrary, the chances of stray insects descending by chance to such rootlets would be exceedingly slight, in case the stocks were all protected by the mercurialized earth. How great is the difficulty interposed to the progress of the insect on a sandy surface can only be appreciated by those who have watched the ludicrous antics it exhibits under such circumstances. The incessant tumblings and backslidings soon exhaust its energies, and show good reason why, notoriously, the phylloxera is comparatively harmless in very sandy, and correlatively in very well-tilled soils.

From the foregoing considerations those interested may readily infer how far in their particular cases the ingenious device invented by Mr. Bauer is likely to prove efficacious; and while still it will undoubtedly be far better to plant resistant stock and graft, those favorably situated, or those who have already planted the non-resistant vine, will do well to take the proposed remedy under careful consideration.

[When, a few years ago, the vineyard plot on the University grounds passed into the charge of the College of Agriculture, it was soon discovered that it was strongly infested with the phylloxera. It was at first intended to extirpate the pest as quickly as possible; but when it became obvious that the law intended to prevent the further spread from infested districts could and would not be enforced, the fact that there are no vineyards so situated as to be liable to infection through natural causes from this locality, while it offers an excellent oppor-

tunity for the systematic observation of the habits of the insect in this climate, and for experiments with remedies and resistant vines, caused the idea of the immediate extirpation to be abandoned in favor of the experimental use of the plot. It is hardly necessary to say that ever since, a rigorous system of disinfection has obviated all danger of the accidental transmission of the insect to uninfected districts. The summary report of Mr. Morse, given below, shows the results of this season's observations.—E. W. Hilgard.]

OBSERVATIONS ON THE PHYLLOXERA MADE DURING 1884.

It has been supposed heretofore that only a part of the recognized forms of the phylloxera exists in California. This apparent divergence from the natural habits of the insect has given direction to the investigations which have been carried on at the University.

A partial report on the forms found in our own vineyard plot was published in the report of the Agricultural Department for 1882, and may here be briefly summarized. It shows that the larvæ, and a small proportion of the wingless mother insects, pass the Winter in a dull, lifeless condition, but are easily brought to life and activity by a proper change in temperature; that the middle of April finds the adult mother beginning to lay; and that soon after young larvæ are produced and scattered to all parts of the roots. The increase is slow until about the middle of June. Shortly after, the larval form with rudimentary wings appears, and by the first of July the winged form is found fully developed. The eggs of the mother louse are most abundant at the end of the same month, and at the same time a decrease in the numbers of adult mothers becomes apparent; the maximum number of larvæ is also reached. Only a few eggs are usually found after October, and very little action is noticeable after November. The time of these changes, however, will vary greatly with the season.

In the laboratory it was found that a single insect produced seventy-five eggs, laid frequently at the rate of five per day; some days none at all were produced. Thirteen days are required to hatch them, and seventeen more for the development into egg-laying mothers.

The object of investigation since the above was published has been toward determining the existence, habits, and movements of less familiar forms.

The late rains this Summer have stimulated a generous growth of those finer roots on which the winged-form is produced in greatest abundance. Around such roots were placed properly arranged "traps," viz.: glass jars or bottles, partially buried in the soil. A rapid production of the winged form was noted from the twentieth of August to the beginning of September; some were developed as late as October tenth. As many as five eggs were laid by some of the confined winged insects, before death; none of these eggs, however, were observed to hatch, hence no sexual individuals were obtained.

In arranging the glass-jar "traps" the soil was considerably loosened up, and thus was prepared the way for the migration of the winged insects, which occurred about the twentieth of August, when they could be found in considerable numbers crawling about upon the small lumps of earth, preparatory to taking wing. Only one was actually seen to fly up to the vine, although others were found quietly fixed on the under side of some of the leaves. This passing through

the loosened earth, and later through the unmolested soil, continued up to the present time.

The insect in various stages of development could be found in the earth from the surface to the roots, the most incomplete forms being found deepest below the surface of the ground. Some were found under stones, and in such positions as to place it beyond a doubt that they passed through the changes underground, and came to the surface in a transformed condition, contrary to the accepted belief of a transformation at the surface of the ground.

A peculiar circumstance was noticed on the twentieth of August, in the appearance of a large number of larvæ upon the surface of the ground. They were found as much as two feet from the stock, and from three to twelve inches from the fine roots, as well as through the soil to the roots. The significance of their appearing in this manner can be appreciated when we learn that they crawl upon bits of rubbish, sticks, leaves, etc., upon the spot, and even take kindly to growing canes placed in their way.

Up to August twenty-sixth no specimens of the gall louse, or leaf-inhabiting form of the phylloxera, had been identified at the University or elsewhere in California, so far as known. At this time the fresh young leaves near the ends of three canes, which stretch from a "Canada" vine toward the infected stock, bore a few peculiarly formed galls, containing egg-laying mother-lice as well as eggs, and numerous larvæ. A few isolated and abandoned ones were also found on the old leaves nearer the stock of the vine. It thus seemed probable that the root-inhabiting form had here changed its habit toward that of the gall louse, a point still held in dispute by the French scientists.

An attempt was therefore made to produce more galls upon the foliage of the "Canada" vine by infecting it with larvæ from the roots of the adjoining infested stock. A cane was led from the opposite side of the resistant vine, and its terminal leaves fastened to an infested spot of soil. The leaves and part of the canes were soon covered with young larvæ, and a few quiet winged insects; the former passing freely about upon the leaves, but forming no galls, or at least, only doubtful and abortive attempts. Some of the young leaves upon the infected canes were pierced by young larvæ which had settled just outside of the fresh galls, and had remained until a red dead spot had been formed. Others of the larvæ were seen crawling about; but they did not readily establish galls. Contrary to the usual habit of the gall louse, they kept mostly upon the *under* side of the leaf. It thus appears that at least so late in the season, the change of habit from root to leaf is not readily made.

Of the known *enemies to the phylloxera*, only two forms were identified during our observations. The *phylloxera thrips* were seen passing about in considerable numbers upon the leaves and some even came from the galls, many of which they had cleared of their inhabitants. A few specimens of the *tyroglyphus*, or *phylloxera mite* appeared among the winged insects that were taken from the "trap;" they were also found upon the roots of adjoining vines. It is, therefore, probable that its usual enemies have accompanied the phylloxera to California.

Several practically important conclusions result from the above observations. It appears that the light Summer rains of the season have favored to an extraordinary degree the development and activity of the pest, especially of its winged form, most dangerous as the carrier of infection; and that this form was developed through the months

of July, August, and September, and a part of October, while the numbers and activity of the larvæ in ascending through and diffusing themselves over the soil, was greatest toward the end of August. Any measures to prevent the spread of the insect during the season should, therefore, be taken prior to August, at least.

It is also shown how readily the young insects will ascend through the soil from superficial rootlets, and will attach themselves to any object lying in their way, so that infection may be carried readily from one vineyard to another by the mere passage of a wagon, plow, or other implement, as well as through fruit boxes, prunings, and cuttings. Especially are the eggs of the winged form liable to be thus carried, even by gusts of wind taking up leaves, etc. The gall louse form, now also recognized here, adds danger to this vehicle.

Finally it is clearly shown that in ordinary soils no preventive used only *around the stock of the vine* can offer security against the ascent of either the winged or wingless form to the surface from outlying shallow rootlets, from which they can freely migrate to other uninfected stocks; and that, therefore, the utmost care alone can check the progress of the pest after it has once gained a footing.

CROP STATISTICS FOR 1884.

Below is given a carefully tabulated statement, giving full returns of the cereal crops of 1884, in the State of California, including corn, wheat, barley, oats, and rye, and giving for each cereal the acreage, the average yield in bushels per acre, and the gross yield in bushels, in every county in the State. The system under which these returns are made to the State Agricultural Society is yearly becoming more perfect, and if the coming Legislature makes proper appropriation therefor, as requested by the State Grange, their accuracy can be still further assured, and they will prove of incalculable benefit to the entire State. The accuracy of the table here given has been further assured by comparing the acreage with figures obtained from other sources, and wherever a difference existed the lowest figures have always been taken. It is, therefore, safe to presume that the estimates on yield are, if anything, a trifle under the actual facts.

In referring to the table, it must be noted that the acreage of wheat, for instance, does not represent the acreage actually sown to that cereal, but only the acreage actually cut for wheat. Much of the standing grain was cut for hay, and as the amount thus cut differs widely in different counties and in different seasons, many apparent discrepancies between the figures of this and previous years are accounted for. For instance, if, in a certain county, previous reports have indicated an increase of acreage sown to wheat over last year, while the present table shows less acres cut to wheat than last year, it simply means that the proportion cut for hay has been this year much larger than last.

As many will desire to compare this year's yield with that of last year, we give the figures for 1883, as taken from the report of the State Agricultural Society: Wheat—Acreage, 2,634,710; yield, 32,659,870 bushels; average per acre, 12.39 bushels. Barley—Acreage, 775,405; yield, 19,000,232 bushels; average per acre, 24.45 bushels. Oats—Acreage, 122,618; yield, 3,632,651 bushels; average per acre, 30.48 bushels. Rye—Acreage, 29,351; yield, 342,876 bushels; average per acre, 11.60 bushels. It will thus be seen that this year there are almost a million acres more than last year in wheat; that the average yield is four bushels per acre greater, and that the gross yield, 57,420,188 bushels, is the largest the State has ever seen, and places it, in amount of production, at the very head of the wheat-raising States of the Union. The largest wheat crop prior to this year was that of 1880. The exact yield for that year cannot be given, as no system existed for gathering proper data, but the best informed wheat men placed it at 1,500,000 tons, or 50,000,000 bushels. The acreage in barley has been increased almost 200,000 acres, and the gross yield has been correspondingly increased, the average per acre being about the same. In oats the acreage has increased one third, and the gross yield a trifle more, as the average has been raised two bushels. In regard to rye, it may be said that so little of it is grown in the State that it is very difficult to gather exact data as to the yield. Several counties, in which it is

presumed more or less rye is grown, have made no returns for this cereal, and for this reason it is possible that the total yield here given is smaller than it should be.

The figures here given for yield are in bushels, and may be reduced to centals by remembering that the number of pounds in a bushel are, wheat, 60; barley, 47; oats, 32.

Counties.	Corn.			Wheat.		
	Acreage.	Av'ge.	Yield.	Acreage.	Av'ge.	Yield.
Alameda	1,110	30	33,300	77,142	12	925,704
Alpine	200	5	1,000	240	16	3,840
Amador	500	40	20,000	3,500	15	52,500
Butte	950	32	30,400	123,750	18	2,227,500
Calaveras	2,100	26	54,600	27,000	12	324,000
Colusa				450,000	15	6,750,000
Conta Costa	3,000	25	75,000	136,500	18	2,457,000
Del Norte	50	30	1,500	60	30	1,800
El Dorado				2,906	30	87,180
Fresno	6,000	40	240,000	100,000	16	1,600,000
Humboldt	825	50	41,250	699	33	23,067
Inyo	1,980	25	49,500	2,780	30	83,400
Kern	2,500	35	87,500	15,572	13	202,436
Lake	779	30	23,370	6,241	25	156,025
Lassen	60	20	1,200	2,993	15	44,895
Los Angeles	46,000	25	1,150,000	225,000	10	2,250,000
Marin				1,500	18	27,000
Mariposa				1,275	13	16,575
Mendocino	408	31	12,648	7,283	20	145,660
Merced	1,120	45	50,400	186,200	14	2,606,800
Modoc				32,820	15	522,300
Mono	20	25	500	50	20	1,000
Monterey	2,000	20	40,000	80,000	16	1,280,000
Napa	1,534	33	50,622	30,210	15	453,150
Nevada	150	20	3,000	6,000	18	108,000
Placer	1,040	40	41,600	33,255	13	432,315
Plumas	10	20	200	1,677	18	30,186
Sacramento	1,693	24	40,632	94,370	15	1,415,550
San Benito	500	25	12,500	51,000	12	612,000
San Bernardino	2,000	15	30,000	20,000	5	100,000
San Diego	269	40	10,760	27,351	20	547,020
San Joaquin	470	28	13,160	248,350	15	3,725,250
San Luis Obispo	1,500	25	37,500	48,560	18	873,000
San Mateo	100	35	3,500	27,000	14	378,000
Santa Barbara	1,975	40	79,000	64,760	30	1,942,800
Santa Clara	417	40	16,680	117,955	15	1,769,325
Santa Cruz	457	22	10,054	2,747	20	54,940
Shasta				30,000	12	360,000
Sierra				200	18	3,600
Siskiyou	180	18	3,240	9,500	10	95,000
Solano	1,960	30	58,800	102,850	15	1,542,750
Sonoma	80,000	43	3,440,000	60,000	35	2,160,000
Stanislaus	400	28	11,200	453,412	15	6,801,180
Sutter	1,600	30	48,000	95,000	25	2,375,000
Tehama	100	50	5,000	130,553	20	2,611,060
Trinity				841	10	8,410
Tulare	258	30	7,740	262,272	10	2,622,720
Tuolumne	306	40	12,240	6,550	15	98,250
Ventura	2,500	40	100,000	10,000	12	120,000
Yolo	980	28	27,440	140,000	27	3,780,000
Yuba	331	40	13,240	28,000	24	672,000
Totals	170,332		5,988,276	3,587,864		57,420,188
Average yield per acre			35.16			16.4

CROP STATISTICS FOR 1884—Continued.

COUNTIES.	BARLEY.			OATS.		
	Acreage.	Av'ge.	Yield.	Acreage.	Av'ge.	Yield.
Alameda	34,973	25	874,325	697	.....	20,910
Alpine	150	25	3,750	400	30	12,300
Amador	4,000	15	60,000	.....	.....	.....
Butte	49,500	30	1,485,000	11,000	30	330,000
Calaveras	11,000	18	198,000	800	20	16,000
Colusa	75,000	20	1,500,000	.....	.....	.....
Contra Costa	28,000	20	560,000	8,000	26	208,000
Del Norte	150	60	9,000	350	60	21,000
El Dorado	1,199	20	23,980	150	25	3,750
Fresno	30,000	25	750,000	436	30	13,080
Humboldt	471	60	28,260	3,372	71	239,412
Inyo	1,720	30	51,600	1,890	40	75,600
Kern	7,761	20	155,200	.....	.....	.....
Lake	4,162	25	104,050	376	30	11,280
Lassen	1,500	18	27,000	643	20	12,960
Los Angeles	75,000	20	1,500,000	.....	.....	.....
Marin	1,350	35	47,250	450	30	13,500
Mariposa	7,350	20	147,000	68	30	2,040
Mendocino	2,715	32	87,880	2,718	40	108,720
Merced	13,050	30	391,500	.....	.....	.....
Modoc	31,162	25	779,050	1,065	30	31,950
Mono	500	22	11,000	200	20	4,000
Monterey	65,000	35	2,275,000	15,000	30	450,000
Napa	5,219	22	114,818	2,667	24	64,008
Nevada	1,000	20	20,000	500	23	11,500
Placer	13,427	20	268,540	4,324	25	108,100
Plumas	770	30	23,100	2,160	34	73,440
Sacramento	22,868	18	411,624	2,548	20	50,960
San Benito	1,800	20	36,000	.....	.....	.....
San Bernardino	80,000	17	1,360,000	.....	.....	.....
San Diego	14,000	35	490,000	736	40	29,440
San Joaquin	40,020	15	600,300	397	16	6,352
San Luis Obispo	21,000	30	630,000	1,700	35	59,500
San Mateo	10,000	26	260,000	2,000	30	60,000
Santa Barbara	34,125	45	1,535,625	.....	.....	.....
Santa Clara	75,515	20	1,510,300	556	20	11,120
Santa Cruz	977	32	31,264	1,045	30	31,350
Shasta	20,000	15	300,000	6,000	20	120,000
Sierra	1,300	23	29,900	1,200	20	24,000
Siskiyon	6,000	14	84,000	3,600	20	72,000
Solano	13,200	20	264,000	5,170	20	155,100
Sonoma	20,000	25	500,000	5,000	60	300,000
Stanislaus	40,220	30	1,206,600	40	25	1,000
Sutter	16,000	30	480,000	300	28	7,400
Tehama	18,051	40	722,040	4,285	60	257,100
Trinity	100	20	2,000	56	15	840
Tulare	26,138	18	469,484	50	20	1,000
Tuolumne	2,520	20	50,400	620	20	12,400
Ventura	25,000	25	625,000	.....	.....	.....
Yolo	4,000	30	120,000	.....	.....	.....
Yuba	7,800	28	218,400	630	32	20,160
Totals	966,763	.....	23,432,240	93,199	.....	3,050,672
Average yield per acre	.....	.....	24.23	.....	.....	32.67

Crop Statistics for 1884—Continued.

Counties.	Rye.			Counties.	Rye.		
	Acreage.	Av'ge.	Yield.		Acreage.	Av'ge.	Yield.
Alameda				Sacramento			
Alpine				San Benito			
Amador				San Bernardino			
Butte	1,500	25	37,500	San Diego			
Calaveras				San Joaquin	300	19	3,000
Colusa				San Luis Obispo			
Contra Costa				San Mateo			
Del Norte				Santa Barbara			
El Dorado	75		1,575	Santa Clara	345	12	4,140
Fresno				Santa Cruz			
Humboldt				Shasta			
Inyo				Sierra			
Kern				Siskiyou			
Lake				Solano			
Lassen				Sonoma			
Los Angeles				Stanislaus	775	10	7,750
Marin				Sutter			
Mariposa	82	10	820	Tehama	175	30	5,250
Mendocino				Trinity			
Merced	8,000	10	80,000	Tulare			
Modoc				Tuolumne			
Mono				Ventura			
Monterey				Yolo			
Napa				Yuba			
Nevada	40	12	580				
Placer				Totals	11,342		141,015
Plumas	50	10	500	Av'g yield per acre			12.43

LIVE STOCK STATISTICS.

REPORT OF NUMBER OF LIVE STOCK, AND AVERAGE VALUE, IN CALIFORNIA—1884.

Counties.	Horses.		Mules and Asses.		Milch Cows.	
	Number.	Average Value.	Number.	Average Value.	Number.	Average Value.
Alameda	8,708	$44 60	304	$51 00	6,025	$25 00
Alpine	181	52 50	40	30 50	208	25 12
Amador	1,145	52 80	112	58 40	2,793	27 29
Butte	5,960	54 50	1,754	67 00	3,250	30 00
Calaveras	2,902	69 00	233	50 00	2,181	25 00
Colusa	3,427	64 50	4,407	90 00	2,480	29 10
Contra Costa	5,607	69 75	318	53 50	4,967	50 60
Del Norte	628	45 00	127	40 60	2,706	25 00
El Dorado	2,427	43 45	71	40 00	3,989	28 15
Fresno	3,225	40 88	877	62 30	5,290	40 00
Humboldt	4,417	45 00	824	41 00	8,850	20 00
Inyo	3,313	21 40	345	41 60	892	20 00
Kern	4,980	40 00	642	54 00	1,826	26 93
Lake	1,922	57 40	224	56 00	2,069	27 50
Lassen	7,379	27 00	211	40 00	1,915	24 60
Los Angeles	20,452	34 40	1,257	34 40	9,486	27 00
Marin	2,556	50 60	38	52 10	23,123	32 00
Mariposa	601	27 75	362	32 50	599	30 57
Mendocino	5,319	55 00	349	47 00	4,589	30 00
Merced	4,374	54 00	1,807	80 00	1,533	50 00
Modoc	8,233	34 00	433	52 00	2,524	30 20
Mono	1,394	31 50	60	25 08	688	23 50
Monterey	9,139	44 35	65	60 00	5,385	24 00
Napa	4,004	61 00	509	80 00	4,368	33 00
Nevada	2,366	31 90	70	45 80	2,327	25 18
Placer	3,902	47 20	234	63 75	3,042	26 35
Plumas	1,443	45 60	62	42 09	2,797	22 50
Sacramento	10,384	57 00	339	72 00	7,841	35 00
San Benito	4,392	40 00	42	22 10	4,640	25 00
San Bernardino	4,053	39 25	473	32 85	1,951	27 40
San Diego	4,614	34 77	205	58 85	1,747	28 50
San Francisco	10,912	70 00	185	40 00	7,493	24 00
San Joaquin	14,752	50 00	1,892	108 28	4,261	32 00
San Luis Obispo	7,246	43 50	183	47 77	13,080	27 50
San Mateo	3,702	53 90	207	55 00	8,916	25 32
Santa Barbara	6,879	32 25	447	40 70	4,333	25 35
Santa Clara	7,884	84 55	153	66 70	8,829	30 90
Santa Cruz	3,763	46 50	81	50 75	3,396	26 00
Shasta	2,517	41 20	192	67 76	4,081	20 00
Sierra	902	55 00	70	65 00	883	45 00
Siskiyou	1,458	42 25	582	50 00	2,060	25 20
Solano	4,954	50 50	1,753	80 00	3,957	31 00
Sonoma	9,000	70 00	500	50 00	20,000	30 00
Stanislaus	8,948	55 00	3,272	127 35	2,214	31 00
Sutter	4,018	58 60	666	109 70	1,610	30 00
Tehama	3,883	55 00	950	90 00	2,300	25 00
Trinity	890	65 00	251	55 00	460	25 00
Tulare	8,481	44 00	749	50 00	4,223	25 00
Tuolumne	1,943	50 00	130	45 00	2,520	25 00
Ventura	4,345	40 00	233	54 00	1,539	30 00
Yolo	8,432	57 50	2,437	90 90	5,841	30 00
Yuba	3,815	48 75	338	73 60	3,263	27 56
Totals	262,171		32,065		229,340	

REPORT OF NUMBER OF LIVE STOCK, AND AVERAGE VALUE—Continued.

COUNTIES.	ALL OTHER CATTLE.		SHEEP.		SWINE.	
	Number.	Average Value.	Number.	Average Value.	Number.	Average Value.
Alameda	6,478	$15 00	19,223	$1 75	5,177	$3 46
Alpine	641	20 00	180	2 00	205	4 87
Amador	5,193	15 00	27,000	1 47	5,700	2 83
Butte	9,615	16 15	91,664	1 90	15,696	3 00
Calaveras	7,453	12 50	61,055	1 75	1,864	3 00
Colusa	3,777	15 80	99,149	1 54	20,262	2 89
Contra Costa	6,686	19 35	9,280	1 95	7,858	3 00
Del Norte	1,611	12 50	1,512	1 99	1,335	2 98
El Dorado	5,560	14 36	20,630	1 66	3,180	4 80
Fresno	24,627	15 10	383,716	1 49	17,301	2 83
Humboldt	16,722	12 50	236,769	1 27	11,313	1 81
Inyo	6,026	14 15	3,490	1 50	1,739	3 10
Kern	39,393	14 00	345,688	1 52	6,439	3 00
Lake	2,960	12 90	55,865	1 60	7,608	2 00
Lassen	13,135	17 45	29,228	1 40	2,036	3 52
Los Angeles	18,055	12 45	243,218	1 50	23,997	1 25
Marin	7,659	16 00	2,182	1 85	7,773	4 11
Mariposa	6,175	19 00	63,028	1 50	8,923	3 04
Mendocino	8,606	22 00	329,050	1 50	18,630	2 50
Merced	12,807	25 00	199,119	2 00	7,337	3 50
Modoc	19,748	17 00	22,338	1 80	5,390	2 25
Mono	3,576	16 25	1,977	1 40	638	3 85
Monterey	18,137	15 36	26,340	1 75	4,583	3 00
Napa	2,160	21 00	43,814	1 50	6,465	3 36
Nevada	4,057	12 63	5,684	1 42	1,656	5 14
Placer	3,398	14 00	82,748	1 37	5,196	3 99
Plumas	2,891	15 50	433	4 00	981	5 03
Sacramento	10,407	16 70	92,206	1 50	11,474	3 48
San Benito	13,874	17 00	32,900	1 50	3,187	2 38
San Bernardino	9,003	14 60	36,509	1 60	1,456	2 79
San Diego	16,217	16 00	71,065	1 40	2,540	2 00
San Francisco			3,217	3 50	6,906	6 00
San Joaquin	11,782	17 58	42,798	1 45	20,948	2 75
San Luis Obispo	39,820	17 00	87,995	1 86	9,488	2 93
San Mateo	6,330	11 15	1,676	1 50	2,280	5 00
Santa Barbara	16,388	24 66	118,820	1 25	5,407	3 68
Santa Clara	16,432	18 12	27,285	1 60	8,698	3 55
Santa Cruz	2,404	20 00	385	2 00	2,706	4 90
Shasta	8,116	13 35	48,772	1 97	13,142	3 77
Sierra	1,780	20 00	136	1 75	340	6 00
Siskiyou	20,434	14 50	56,000	2 00	5,000	3 00
Solano	7,037	19 50	83,335	1 60	11,789	3 97
Sonoma	8,000	20 00	240,000	1 50	18,000	4 00
Stanislaus	8,392	18 00	96,519	1 65	9,164	3 15
Sutter	3,192	13 80	38,629	1 50	11,254	2 45
Tehama	2,665	20 00	213,543	2 00	12,092	3 00
Trinity	3,105	15 00	38,155	1 50	1,131	4 50
Tulare	12,709	19 00	176,955	1 75	23,861	2 75
Tuolumne	3,225	15 00	12,500	1 50	2,875	3 00
Ventura	11,714	20 00	136,000	1 50	16,646	2 08
Yolo	8,376	17 50	45,609	1 50	23,310	3 00
Yuba	4,456	14 00	68,654	1 65	6,238	3 65
Totals	502,004		4,174,043		429,214	

THE LIVE STOCK INTERESTS OF CALIFORNIA.

BY C. M. CHASE, ESQ., OF SAN FRANCISCO.

CATTLE.

California is peculiarly adapted for the raising of cattle. It abounds with mountainous and rolling land unfitted for other purposes, heavy frosts preventing its use for vineyards and small fruits, and its precipitous nature, as well as distance from transportation, rendering it unprofitable for cultivation. These elevations are covered with rich and succulent grasses, wild oats, clover, alfillerilla, etc., which are fattening in their green state. Vast fields of wild oats, cured standing by the warm dry air of Summer, form excellent Fall pasturage, and seeding themselves, are reproduced annually by copious rains during the Winter and Spring months. Eight tenths of all cattle slaughtered are from the range, grass fed, and will bear favorable comparison with the stall fed cattle of the Eastern States. The basis of our horned stock were the original herds of the old Catholic Missions, and the immense bands of long-horned (so called) Spanish cattle owned by wealthy rancheros. These numbered tens of thousands, and were of little value, being mostly slaughtered for their horns, hides, and tallow. In size small, color undesirable, and temper vicious, they were almost valueless as commercial property. Upon the advent of the Americans the condition of things changed. Well bred Durham and Devon bulls were imported, the mean, cross tempered little Spanish *toros* were killed, and a determined effort made to "breed up," with the most happy results. The State now abounds with handsome, sleek, well fed animals, deep red in color, with short horns, well formed, heavy carcases, most desirable either for stock cattle or the shambles. These are denominated American cattle, and are the result chiefly of the continued crossing, as before stated, of well bred Durham and Devon (principally the former) bulls upon the native, or, as they are technically termed, Spanish cattle.

The Durhams are the distinctive beef cattle of the State. They are a combination of the principal desirable qualities, milk, butter, and beef. Some difficulty has been experienced with thoroughbreds, imported, on account of their delicate nature and seeming inability to earn their living, but it has been demonstrated that the offspring of these very thoroughbreds, when born upon the range, and indigenous to the climate and locality, have proved themselves "rustlers" equal to the best descendents of the native breed. The bulk of the beef cattle of the State may be said to be of the short-horn variety. About twenty years ago, several small herds of Devon cattle were imported from the Western States, and an effort made to cross them with the graded Durhams, it being claimed that the Devon, being a mountain cattle, were especially adapted to such a rough country as California. The

experiment failed to change the settled convictions of stockmen, and was abandoned. Within the past year it has been renewed, but so recently as to prevent any practical demonstration as to its feasibility.

Within the same period there have also been several importations of the Hereford or "bush" cattle of Australia. These animals have been warmly pressed upon the attention of California stock-raisers as a breed preëminently qualified for the steep mountainous ranges of our State, and as being "rustlers" of the highest type. These cattle have been absorbed by some of our heaviest stock-raisers, who propose giving them a fair and thorough trial. Already most favorable reports are received as to their capacity to take on and retain flesh, although scarcely acclimated. They compare favorably with the Durham in form and size, and are said to dress equally as well. Attention has also been drawn to the Holstein, or Dutch cattle, and the Aberdeen, or Polled Angus. The former are said to be rapidly becoming one of the "fashionable" breeds at the East. A number have been imported into California, and they seem to be growing in favor. They are of fair size, great docility, and yield a prodigious quantity of milk which is said to contain great cheese-making qualities. They, as well as the Herefords, have prominent advocates of their value as beef cattle. The Polled Angus are a recent importation, and their value to the stock-raising interest is yet to be determined. The non-horn feature seems to commend itself, as shipment of cattle is, here, usually made by rail, and the lack of horns deprives them of one great means of inflicting injury upon each other when closely confined. These cattle are of fair size, and it is claimed that the beef equals the best Short-horn, being mottled, or marbleized, a distinguishing mark of high-bred cattle. A small number of Ayrshire cattle have also been imported, and have been favorably received, but for beef-producing qualities the Durham or Short-horn claims preëminent consideration.

For dairy purposes the Jersey cattle have undoubted preference. Under this head are classed Alderneys. A few of the other Island cattle—Guernseys—have been imported, but they cut no figure. The Jersey will, without doubt, be the chief dairy cattle of the State; that is, as the foundation. From them, in conjunction with well-bred Durham cows, are produced a race of dairy animals that cannot be excelled. With the production of the Durham is combined the richness and quality of the Jersey. As a family cow, a home pet, noted for docility and all the good qualities that distinguish a first-class milch animal, the Jersey—Durham grades—are entitled to most honorable mention. The dairy interests of California are very important, and are conducted with a high degree of intelligence. Every effort is made to increase production and quality, and no expense is spared to secure animals specially noted for their milking strains. The herds of pure cattle are numerous; all animals are properly registered, and due care is taken to keep the various strains of blood pure and undefiled.

HORSES.

Horses are numerous in California, and the various breeds extensive. In its primitive days the same state of affairs existed as with cattle. The native animal was the well known "mustang," a wiry creature, scarce fifteen hands, full of fire and of wonderful endurance. Its origin is in doubt. The best accepted theory is that it is

the descendant of the Spanish horse originally introduced into Mexico during the time of the Montezumas. As a vaquero or cattle horse, he has no equal. Of great intelligence, supple as a cat, and with the tenacity of a bull dog, he ably seconds the efforts of the rider, and never fails to run down the fiercest bullock of the band. At *rodeo* he is omnipresent, flying hither and thither, now in full career after a maddened steer, anon, like a statue, his mouth, sensitive to the slightest touch, having given the warning that the *lasso* has been thrown and he is to perform his part, that of holding the *lariat* taut until the infuriated animal can be properly secured. Americans were prompt to see the value of this useful animal, and their efforts have been directed to increasing the size without destroying the peculiar characteristics of the breed. This has been accomplished by coupling the thoroughbred with approved mustang mares, producing a race of animals unequaled in the world for the purpose for which they are intended. Another use for them has been the selecting those with trotting gait and breaking them to harness for stage purposes. With six and even four of these animals and convenient relays, most wonderful feats of staging were performed in the early days of this State. The usefulness of the California mustang is universally recognized. But the rapid settlement of the State required other breeds of the horse. Its pastoral nature to a great extent disappeared, and the wants of agriculture and commerce, as well as the requirements of a higher type of civilization, demanded the most improved strains and those best adapted for these various purposes. All sections of the world were drawn upon. The Clydesdale, Percheron, Norman, English Shire, and other breeds of draught animals were largely imported and judiciously crossed, in most instances with beneficial results. Extensive importations were made of the American trotting horse, a distinctive breed of animals, exclusively intended for road purposes and light harness service. Expenditures extending into the millions have been made in the endeavor to improve and perfect this wonderful breed with entire success. The desideratum of the American trotting horse is speed combined with pure gait, fine form, and perfect action. California has the proud honor of leading in this important class, its young horses holding the first rank in these essential particulars. The thoroughbred also has not been neglected, and vast sums have been paid for the highest type of the English thoroughbred and his immediate descendants, with the laudable purpose of excelling in this particular sphere. The climate of California seems so peculiarly favorable to the breeding and development of the equine race that it has been not inappropriately named the "home of the horse."

SHEEP.

California is essentially a sheep country. Its wild, rugged nature renders a large portion of it worthless for cultivation. Not only this, but its precipitous cañons, and gulches, and sparse vegetation upon mountain sides, renders such land valueless as cattle pasture. Upon such ground sheep may be profitably kept, but only certain descriptions—the Merinos. Properly speaking, it should be said the Spanish Merino. This animal seems created for California; good for wool, good for mutton, a fine herder; it has all the qualities to commend it. The French Merino partakes of these good qualities to a limited extent, and a cross of the two has proved successful; but the

distinctive breed of sheep, good for all purposes—like the Durham or short horn cattle—is the Spanish Merino. Small bands of Cotswold, Southdown, Leicestershire, and Shropshire have been imported but not extensively. Sheep bred exclusively for mutton, or, to speak generally, "short wool sheep," will be in but little favor until the State becomes more densely settled and farmers find it to their advantage to keep a few head upon their meadows and in close proximity to their barns.

SWINE.

The raising of swine in California is extremely profitable. Enormous quantities of pork are consumed by the Chinese, and the meat, in its cured form, finds ready sale. Bacon is still the staple diet throughout the mining regions, and the demand far exceeds the local production; the importation of hams, sides, etc., being an important item against the State in the balance of trade. Hogs on foot command from five to eight cents the year round, according to quality, season, and demand, and, as remarked above, "hog raising" is one of the most remunerative branches of industry. The expense of keeping range hogs is but light, mast being plentiful, while the marsh lands furnish abundance of the young, tender tule roots, much relished by swine. The Berkshire is the favorite breed, the black strain being preferred, owing to the intense heat in the sections best adapted for raising swine, it being found that the backs of the white variety blister or scald more readily from the effects of the sun's rays. Formerly the Essex were greatly thought of, but the size of the Berkshire and its great strength, which enables it to make its way through the thick chemisal and woody copses and plow through rough and swampy marshes, has given it the preference. The Poland-China attracted attention for a short time, but the interest in them has abated. The meat proved soft and flabby, and being of an indolent, lazy nature, they were not adapted for rough ranges, becoming footsore and easily discouraged. The Durocs or Jersey Reds are a new variety that is rapidly coming into favor. Several importations have been made into this State, and they are spoken of in high terms. In form and habits they resemble the Berkshire, and it is claimed they are an offshoot of this breed, which, by careful incrossing, has been made to assume an individual form sufficient to warrant the claim of being a distinct variety. There is no occupation of a similar character that can be entered into in California more productive than the raising of swine. San Francisco, its large commercial center, would prove an almost unlimited consumer. Its vast shipping interests require quantities of salted meats, its local consumption of cured and fresh pork is large, while the neighboring Territory of Arizona is a prompt and ready customer for every pound of bacon prepared in Southern California. As a business enterprise, to one at all conversant with this branch of stock raising, it offers a most inviting field.

I have briefly alluded to the most prominent descriptions of live stock which have been introduced and are being bred in California. To elaborate farther would take more space than can be assigned this article. Mention should be made of the breeding of mules which is pursued upon an extensive scale by several of our large stock raisers. Heavy sums have been paid for jacks, imported direct, and a creditable rivalry exists to produce the largest and best formed animals. These find ready sale, and at remunerative prices. Something

might be said of the Angora goat interest—a somewhat important one, as it serves to utilize wild, inaccessible land, otherwise valueless. The grade kids furnish an excellent article of food, and the skin of the goat is tanned and made into gloves which are much sought for, thus creating an additional manufacturing interest.

It would be superfluous to dwell upon the advantages presented by California as a stock raising country. Her incomparable climate renders it possible to excel all other States in the percentage of production. The mild Winters and early grass render easy the care of animals during gestation, and affords ample protection to young stock from the period of birth. Diseases so disastrous to cattle and horses east of the Rocky Mountains are unknown here. All branches of the industry are conducted upon an intelligent basis, and earnest efforts are made to improve and grade up every description of stock. Although a youthful State, California can boast of the most extensive breeding farms in the United States, if not in the world. State pride, in this particular, prevails to an eminent degree, and each new triumph is hailed with joyful acclaim. With such energy, encouraged by popular enthusiasm, who can doubt that our beloved California will maintain her prominence as one of the leading stock-producing States of the Union?

RAINFALL AND WEATHER REVIEW.

FROM SEPTEMBER 1, 1849, TO DECEMBER 31, 1884.

BY JAMES A. BARWICK, OBSERVER SERGEANT SIGNAL CORPS U. S. A., IN CHARGE OF THE U. S. SIGNAL OFFICE IN SACRAMENTO, CALIFORNIA.

RAINFALL FOR THE WINTER SEASONS.

The following tabulated statement shows the rainfall and number of days that rain fell for each Winter month; also, the total rainfall and total number of days that rain fell during the entire Winter seasons; the Winter seasons beginning with the Winter of 1852–3, and ending with the Winter of 1883–4. The three Winter months composing the Winter season that gave the heaviest rainfall was during the Winter of 1861–2: 27.94 inches. The driest Winter was that of 1863–4: 3.08 inches. The mean average rainfall for the Winter season, for the past thirty-two years, was 11.393 inches. We might judge from this that we should never have a Winter season of over twenty-eight inches, or one of less than three inches rainfall:

Winter of—	December.		January.		February.		Total for Winter Months.	Total No. Days for Winter.
	Inches.	No. of Days.	Inches.	No. of Days.	Inches.	No. of Days.		
1852–3	13.41	20	3.00	12	2.00	6	18.41	38
1853–4	1.54	4	3.25	6	8.50	14	13.29	24
1854–5	1.15	8	2.67	15	3.46	7	7.28	30
1855–6	2.00	13	4.92	16	.69	6	7.61	35
1856–7	2.40	13	1.38	14	4.80	17	8.58	44
1857–8	2.63	13	2.44	21	2.46	13	7.53	47
1858–9	4.34	17	.96	19	3.91	18	9.21	54
1859–60	1.83	17	2.31	15	.93	14	5.07	46
1860–1	4.28	20	2.67	10	2.92	9	9.87	39
1861–2	8.64	22	15.04	20	4.26	11	27.94	53
1862–3	2.33	11	1.73	10	2.75	11	6.81	32
1863–4	1.82	10	1.08	7	.19	2	3.09	19
1864–5	7.87	16	4.78	13	.71	6	13.36	35
1865–6	.36	9	7.70	18	2.01	11	10.07	38
1866–7	9.51	21	3.44	15	7.10	9	20.05	45
1867–8	12.85	18	6.04	17	3.15	9	22.04	44
1868–9	2.61	11	4.79	14	3.63	5	11.03	30
1869–70	1.96	7	1.37	9	3.24	11	6.57	27
1870–1	.97	6	2.08	8	1.92	11	4.97	25
1871–2	10.59	22	4.04	11	4.74	18	19.37	51
1872–3	5.39	13	1.23	10	4.46	17	11.08	40
1873–4	10.01	21	5.20	14	1.86	9	17.07	44
1874–5	.44	17	8.70	14	.55	2	9.69	33
1875–6	5.52	14	4.99	13	3.75	10	14.26	37
1876–7	------	------	2.77	11	1.04	9	3.81	20
1877–8	1.43	5	9.26	17	8.04	17	18.73	39
1878–9	.47	3	3.18	11	3.88	9	7.53	23
1879–80	3.41	12	1.64	7	1.83	10	6.88	29
1880–1	11.81	21	6.14	9	5.06	13	23.01	43
1881–2	3.27	11	1.89	8	2.40	6	7.56	25
1882–3	1.13	8	2.23	4	1.11	3	4.47	15
1883–4	.44	6	3.43	9	4.46	10	8.33	25
Totals	136.41	409	126.35	397	101.81	323	364.57	1,129
Averages for 32 y'rs.	4.262	12.8	3.948	12.4	3.182	10.1	11.393	35.3

MEAN SPRING RAINFALL.

The table below will be found to contain the record of rainfall and number of days rain fell during the Spring months and for the Spring season. It informs us that the wettest Spring season was that of 1880—16.66 inches; and the driest was that of 1857—.68 of an inch; the mean average for thirty-two years being 5.358 inches, showing a deficiency of nearly 5 inches in the dry season of 1857, and an excess of 11.532 inches during the wet Spring of 1880, as compared with a thirty-two years average:

Spring of—	March.		April.		May.		Total for Spring Months.	Total No. Days for Spring.
	Inches.	No. of Days.	Inches.	No. of Days.	Inches.	No. of Days.		
1853	7.00	8	3.50	7	1.45	4	11.95	19
1854	3.25	4	1.50	9	.21	4	4.96	17
1855	4.20	9	4.32	9	1.15	6	9.67	24
1856	1.40	5	2.13	8	1.84	4	5.37	17
1857	.68	10	Sprink	1	Sprink	3	.68	14
1858	2.88	13	1.21	3	.20	4	4.29	20
1859	1.64	14	.98	6	1.04	4	3.66	24
1860	5.11	17	2.87	8	2.49	10	10.47	35
1861	3.32	7	.48	4	.59	3	4.39	14
1862	2.80	15	.82	9	1.81	9	5.43	33
1863	2.36	10	1.69	9	.36	2	4.41	21
1864	1.30	12	1.08	4	.74	8	3.12	24
1865	.48	7	1.37	3	.46	2	2.31	12
1866	2.02	11	.48	6	2.25	5	4.75	22
1867	1.01	6	1.80	7	.01	1	2.82	14
1868	4.35	12	2.31	9	.27	2	6.93	23
1869	2.94	12	1.24	5	.65	2	4.83	19
1870	1.64	6	2.12	7	.27	1	4.03	14
1871	69	8	1.45	6	.76	5	2.90	19
1872	1.94	10	.61	6	.28	3	2.83	19
1873	.55	4	.51	4	----	----	1.06	8
1874	3.05	10	.89	10	.37	6	4.31	26
1875	.80	9	Sprink	3	Sprink	1	.83	13
1876	4.15	13	1.10	10	.15	4	5.40	27
1877	.56	7	.19	7	.64	6	1.39	20
1878	3.09	14	1.07	3	.17	4	4.33	21
1879	4.88	14	2.66	12	1.30	5	8.84	31
1880	1.70	7	14.20	15	.76	3	16.66	25
1881	1.37	6	1.64	6	Sprink	1	3.01	13
1882	3.78	10	1.99	8	.35	1	6.12	19
1883	3.70	6	.67	7	2.85	9	7.22	22
1884	8.14	13	4.32	9	.06	3	12.52	25
Totals	86.78	309	61.20	220	23.48	125	171.46	654
Averages for 32 y'rs	2.712	9.7	1.912	6.9	.734	3.9	5.358	20.4

MEAN SUMMER RAINFALL.

In the recorded statement below will be found the rainfall for each month of our dry or Summer season; also the total for the season, as well as the total number of days, etc., that rain fell. The average for the thirty-two years past is .170 of an inch. The Summer season that gave the most rainfall was that of 1884—1.45 inches. But five seasons of the thirty-two gave none, those being 1859, 1863, 1867, 1878, and 1883:

Summer of—	June.		July.		August.		Total for Summer Months.	Total No. Days for Summer.
	Inches.	No. of Days.	Inches.	No. of Days.	Inches.	No. of Days.		
1853	Sprink	1	Sprink	2			Sprink	3
1854	.31	2			Sprink	1	.31	3
1855	.01	1					.01	1
1856	.03	1					.03	1
1857	.35	2			Sprink	1	.35	3
1858	.10	2	.01	1	Sprink	4	.11	7
1859								
1860	.02	2	.03				.05	2
1861	.14	4	.55	3			.69	7
1862	.01	1			.01	1	.02	2
1863								
1864	.09	3			.08	6	.17	9
1865			Sprink	3				3
1866	.10	2	.02	3			.12	5
1867								
1868	Sprink	3					Sprink	3
1869	.01	1					.01	1
1870	Sprink	1	Sprink	1	Sprink	1	Sprink	3
1871	Sprink	1					Sprink	1
1872	.02	1					.02	1
1873	Sprink	1	.02	2	Sprink	1	.02	4
1874	Sprink	2	Sprink	1			Sprink	3
1875	1.10	2					1.10	2
1876			.21	2	.02	1	.23	3
1877	.01	1	Sprink	1	Sprink	1	.01	3
1878								
1879	.13	1	Sprink	1	Sprink	1	.13	3
1880			Sprink	1			Sprink	1
1881	.50	2	Sprink	1			.50	3
1882	.10	1	Sprink	1			.10	2
1883								
1884	1.45	7			Sprink	1	1.45	8
Totals	4.48	45	.84	23	.11	19	5.43	87
Averages for 32 y'rs	1.40	1.4	.026	0.7	.003	0.6	.170	2.7

MEAN AUTUMNAL RAINFALL.

The table following shows the Autumn rainfall by months and total for the Fall season, both of rainfall and number of days rain fell, for the last thirty-two years, the wettest being the Fall season of 1864—6.84 inches; the driest being that of 1880—.05 of an inch:

Fall of—	September.		October.		November.		Total for Autumn Months.	Total No. Days for Autumn.
	Inches.	No. of Days.	Inches.	No. of Days.	Inches.	No. of Days.		
1853	Sprink	1	Sprink	1	1.50	5	1.50	7
1854	Sprink	1	1.01	11	.65	2	1.66	14
1855	Sprink	1	------	------	.75	9	.75	10
1856	Sprink	1	.20	6	.65	10	.85	17
1857	----	----	.65	3	2.41	10	3.06	13
1858	Sprink	5	3.01	5	.15	11	3.16	21
1859	.02	3	------	------	6.48	15	6.50	18
1860	.06	2	.91	9	.18	5	1.15	16
1861	----	----	Sprink	1	2.17	12	2.17	13
1862	----	----	.36	6	Sprink	2	.36	8
1863	Sprink	1	------	------	1.49	7	1.49	8
1864	Sprink	1	.12	2	6.72	9	6.84	12
1865	.08	4	.48	5	2.43	9	2.99	18
1866	----	----	Sprink	1	2.43	8	2.43	9
1867	.01	1	------	------	3.81	6	3.82	7
1868	----	----	------	------	.77	5	.77	5
1869	Sprink	1	2.12	2	.85	5	2.97	8
1870	----	----	.02	2	.58	6	.60	8
1871	Sprink	1	.21	1	1.22	8	1.43	10
1872	Sprink	2	.22	2	1.93	4	2.15	8
1873	----	----	.31	4	1.21	5	1.52	9
1874	.05	1	2.26	8	3.80	9	6.11	18
1875	----	----	.44	4	6.20	10	6.64	14
1876	Sprink	1	3.45	7	.30	1	3.75	9
1877	----	----	.73	5	1.07	7	1.80	12
1878	.29	3	.55	1	.51	3	1.35	7
1879	----	----	.88	4	2.05	8	2.93	12
1880	----	----	------	------	.05	2	.05	2
1881	.30	1	.55	6	1.88	4	2.73	11
1882	.57	2	2.63	6	3.22	7	6.42	15
1883	.90	2	.97	6	.61	3	2.48	11
1884	.60	3	2.01	4	------	------	2.61	7
Totals	2.88	38	24.09	112	58.07	207	85.04	357
Averages for 32 years	.090	1.2	.753	3.5	1.815	6.5	2.658	11.2

YEARLY AND SEASONAL RAINFALL, ETC.

The instructive tabulated information below gives the rainfall annually—that is, from January to December of each year—for thirty-two years. Also, the rainfall by seasons, beginning with September 1st of one year and ending with August 31st of the next year, the wettest season being 1861–2—35.56 inches; the driest that of 1863–4—7.86 inches; the wettest calendar year being 1880—31.99 inches; the driest being 1877—8.43 inches; the mean average seasonal rainfall for thirty-one years being 19.143 inches; the mean average for the year, or the mean annual average, being 19.480 inches. The difference between the mean average rainfall, calculating from January 1st to December 31st of each year, and from September 1st of one year to August 31st of next year, is only .337 of an inch in favor of the calendar year:

Year of—	Yearly Rainfall.	Total No. of Days Rain Fell.	Season of—	Rainfall—Inches.	Total No. of Days.
1853	19.99	51			
1854	19.83	62	1853–54	20.06	51
1855	18.56	70	1854–55	18.62	69
1856	14.26	70	1855–56	13.76	63
1857	12.91	74	1856–57	10.46	78
1858	16.80	99	1857–58	15.00	87
1859	16.86	97	1858–59	16.03	100
1860	19.19	72	1859–60	22.09	101
1861	21.38	75	1860–61	16.10	76
1862	27.44	85	1861–62	35.56	100
1863	12.20	60	1862–63	11.58	64
1864	19.27	67	1863–64	7.87	57
1865	11.15	61	1864–65	22.51	62
1866	26.52	86	1865–66	17.93	83
1867	30.03	63	1866–67	25.30	72
1868	19.50	68	1867–68	32.79	78
1869	18.19	52	1868–69	16.64	58
1870	10.21	51	1869–70	13.57	52
1871	18.92	71	1870–71	8.47	53
1872	19.17	70	1871–72	23.65	83
1873	18.20	69	1872–73	14.21	60
1874	17.92	87	1873–74	22.90	82
1875	23.31	59	1874–75	17.70	71
1876	18.12	62	1875–76	26.53	75
1877	8.44	60	1876–77	8.96	54
1878	23.45	65	1877–78	24.86	72
1879	22.37	78	1878–79	17.85	64
1880	31.99	66	1879–80	26.47	67
1881	20.71	60	1880–81	26.57	61
1882	18.06	58	1881–82	16.51	57
1883	13.48	46	1882–83	18.11	52
1884	34.92	70	1883–84	24.78	68
Totals	623.35	2,184		593.44	2,170
Averages	*19.480	68.2		†19.143	70.0

* Mean for thirty-two years.
† Mean for thirty-one seasons.

MEAN WINTER TEMPERATURE.

The tabulated statement below shows the average temperature by months, and for the season also, of the Winter seasons, beginning with the season of 1853–4 and ending with the one of 1883–4; also, showing a mean average for thirty-one years. Judging from the average temperature for each season, we must conclude that the season of 1879–80 was the coldest—44.5°; the warmest being the season of 1881—51.0°; the mean average of thirty-one years being 48.3°.

Winter Season of—	Mean Temp.—December.	Mean Temp.—January.	Mean Temp.—February.	Mean Winter Temperature.
1853–54	48.0	43.0	51.0	47.3
1854–55	47.9	43.7	52.5	48.0
1855–56	46.0	48.0	52.6	48.9
1856–57	43.9	48.5	50.2	47.5
1857–58	47.4	45.0	52.2	48.2
1858–59	44.5	44.9	50.5	46.6
1859–60	43.5	46.2	49.8	46.5
1860–61	49.3	47.1	52.2	49.5
1861–62	50.9	46.4	47.5	48.3
1862–63	46.4	46.9	48.0	47.1
1863–64	46.5	49.2	53.6	49.8
1864–65	50.2	47.4	49.0	48.9
1865–66	44.1	46.5	63.5	51.4
1866–67	50.2	48.2	47.8	48.7
1867–68	46.8	47.0	50.5	48.1
1868–69	47.0	47.6	49.9	48.2
1869–70	46.5	48.6	51.1	48.7
1870–71	45.5	48.3	49.4	47.7
1871–72	48.7	48.5	53.3	50.2
1872–73	49.0	52.7	48.2	50.0
1873–74	47.7	45.7	49.3	47.6
1874–75	45.0	46.9	52.7	48.2
1875–76	48.0	48.8	50.2	49.0
1876–77	45.5	49.1	55.0	49.9
1877–78	48.6	49.7	51.3	49.9
1878–79	47.2	45.5	55.0	49.2
1879–80	44.0	43.5	46.0	44.5
1880–81	50.3	49.2	53.5	51.0
1881–82	46.2	45.1	46.3	45.9
1882–83	48.2	41.9	46.0	45.4
1883–84	44.2	46.6	46.9	45.9
Totals	1457.2	1455.7	1575.0	1496.1
Averages for 31 years	47.0	47.0	50.8	48.3

MEAN SPRING TEMPERATURE.

The table below will be found to contain the average temperature by months for the Spring, also for the season. The warmest one, as indicated by its average temperature, was 1853—62.9°; the coldest, 1880—55.0°; the mean average Spring temperature being 59.5°.

Spring Season of—	Mean Temp.—March.	Mean Temp.—April.	Mean Temp.—May.	Mean Spring Temperature.
1853	59.8	61.0	68.0	62.9
1854	53.0	60.0	62.0	58.3
1855	54.8	58.1	60.2	57.7
1856	57.0	58.8	63.9	59.9
1857	56.4	63.3	65.5	61.7
1858	53.7	59.8	65.2	59.6
1859	51.5	57.1	63.0	57.2
1860	53.3	57.8	58.5	56.5
1861	55.0	60.6	63.7	59.8
1862	53.6	58.0	61.2	57.6
1863	57.6	59.5	67.1	61.4
1864	56.1	62.1	68.5	62.2
1865	53.6	59.3	70.2	61.0
1866	54.2	61.9	63.1	59.7
1867	50.7	59.7	64.4	58.3
1868	55.0	60.1	64.2	59.8
1869	53.6	59.0	64.2	58.9
1870	53.0	57.0	61.0	57.0
1871	56.0	59.2	61.5	58.9
1872	56.8	57.6	67.0	60.5
1873	56.8	60.0	67.9	61.6
1874	52.9	59.5	64.7	59.0
1875	58.7	63.0	68.1	63.3
1876	54.6	59.5	65.7	59.9
1877	59.0	60.2	64.5	61.2
1878	56.7	59.4	65.5	60.5
1879	57.4	60.3	60.2	59.3
1880	48.8	54.6	61.6	55.0
1881	55.5	60.8	64.8	60.4
1882	53.0	55.8	64.0	57.6
1883	56.9	56.0	62.6	58.5
1884	52.9	56.7	64.0	57.9
Totals	1757.9	1895.7	2056.0	1903.1
Averages for 32 years	54.9	59.2	64.2	59.5

MEAN SUMMER TEMPERATURE.

The average temperature in the following table is for the Summer months and for the Summer season, showing by their average temperature that 1866 was the warmest—74.8°; and the coldest to have been 1880—69.1°; the mean average for thirty-two years is 71.7°; the season of 1866 being 2.9° above the mean average, and 1880 being 2.6° below the mean average for the past thirty-two years. It also appears that the mean average temperature for the past thirty-two years for June, July, and August, was in the seventies, which gives us to understand that the three Summer months are usually of even degrees of temperature, with July a little the warmest of the three:

Summer Season of—	Mean Temp.—June.	Mean Temp.—July.	Mean Temp.—August.	Mean Summer Temperature.
1853	77.0	75.0	71.0	74.3
1854	67.0	80.6	69.5	72.4
1855	71.1	72.5	73.0	72.2
1856	71.1	75.1	69.6	71.9
1857	71.9	71.4	71.3	71.5
1858	69.4	70.8	70.6	70.3
1859	74.8	69.1	67.2	70.4
1860	65.6	73.2	73.5	70.8
1861	66.2	73.6	69.7	69.8
1862	69.3	73.2	75.0	72.5
1863	69.1	75.6	70.7	71.8
1864	71.1	74.8	74.7	73.5
1865	73.5	74.0	71.7	73.1
1866	72.2	76.2	76.0	74.8
1867	70.3	73.7	71.7	71.9
1868	69.5	73.8	71.2	71.5
1869	70.8	74.3	71.3	72.1
1870	69.3	71.8	72.6	71.2
1871	70.1	70.2	72.0	70.8
1872	69.2	71.4	73.1	71.6
1873	71.7	73.2	66.3	70.4
1874	70.2	72.8	70.9	71.3
1875	70.6	73.3	72.5	72.1
1876	76.9	74.0	72.8	74.6
1877	72.5	75.0	72.9	73.5
1878	71.8	73.4	73.4	72.9
1879	72.1	71.8	74.7	72.9
1880	66.6	70.9	69.7	69.1
1881	66.0	71.1	68.2	68.5
1882	68.1	73.4	71.9	71.1
1883	72.6	73.1	71.4	72.4
1884	65.8	71.2	72.5	69.8
Totals	2253.4	2343.5	2292.6	2296.5
Averages for 32 years	70.4	73.2	71.6	71.7

MEAN AUTUMN TEMPERATURE.

The average temperature for the Fall season indicates the Fall of 1853 as being the warmest, it being 69.0°; that of 1881 was the coldest, judging from the average temperature, it being 58.5°. The average mean temperature for thirty-two years past being 61.5°, showing the average of 1853 to have been 7.5° above the mean average, and that of 1881 to have been 3.0° below the mean average temperature for the past thirty-two years:

Fall Season of—	Mean Temp.— September.	Mean Temp.— October.	Mean Temp.— November.	Mean Autumn Temperature.
1853	76.0	78.0	53.0	69.0
1854	65.0	60.0	55.0	60.0
1855	68.0	63.0	50.6	60.5
1856	70.9	58.0	52.2	60.4
1857	67.9	61.5	53.2	60.9
1858	68.9	59.5	54.2	60.9
1859	65.9	63.3	54.0	61.1
1860	67.6	59.8	53.5	60.3
1861	67.8	59.9	53.6	60.4
1862	70.4	67.6	53.1	63.7
1863	69.0	62.8	52.7	61.5
1864	69.8	64.5	53.5	62.6
1865	68.8	63.1	56.9	62.9
1866	72.2	65.2	53.8	63.7
1867	68.8	62.7	54.8	62.1
1868	68.3	62.0	53.9	61.4
1869	69.9	63.1	54.0	62.3
1870	68.0	63.6	53.4	61.7
1871	67.4	62.2	50.2	59.9
1872	68.8	58.9	51.2	59.6
1873	69.9	61.4	57.5	62.9
1874	70.7	61.7	53.9	62.1
1875	55.7	69.9	56.7	60.8
1876	70.1	63.5	53.3	62.3
1877	72.7	62.9	54.7	63.4
1878	69.0	62.9	55.5	62.5
1879	70.4	61.5	50.9	60.9
1880	68.0	62.1	49.7	59.9
1881	67.8	56.8	50.8	58.5
1882	68.4	58.4	49.5	58.8
1883	71.6	58.2	50.5	60.1
1884	64.8	59.9	55.3	60.0
Totals	2198.5	1997.9	1705.1	1967.1
Averages for 32 years	68.7	62.4	53.3	61.5

AVERAGE ANNUAL AND SEASONAL TEMPERATURES.

The statement below shows the average temperature, for each year, for thirty-two years, and for the Spring, Summer, and Autumn, for the past thirty-two years, and the average Winter temperature for thirty-one years. The coldest year, inferring from the average temperature, was that of 1880—57.5°; the warmest was 1864—62.8°; the mean average for the past thirty-two years being 60.2°, showing the coldest to have been 2.7° below the mean average, while the warmest year being that of 1864, when it was 2.6° above the mean average for thirty-two years. By careful study of the following table, one is struck by the slight difference between the coldest and warmest year, as compared with a thirty-two years average, generally not more than 3°. That is, we might safely say that the average temperature of any year is not likely to vary more than 3° from 60°, either way, between the hottest and coldest year, as compared with the mean average temperature for the past thirty-two years:

Year.	Mean Annual Temperature.	Mean Spring Temperature.	Mean Summer Temperature.	Mean Autumn Temperature.	Mean Winter Temperature.
1853	62.6	62.9	74.3	69.0	*
1854	59.5	58.3	72.4	60.0	47.3
1855	59.5	57.7	72.2	60.5	48.0
1856	60.1	59.9	71.9	60.4	48.9
1857	60.7	61.7	71.5	60.9	47.5
1858	59.5	59.6	70.3	60.9	48.2
1859	58.7	57.2	70.4	61.1	46.6
1860	59.0	56.5	70.8	60.3	46.5
1861	60.1	59.8	69.8	60.4	49.5
1862	60.2	57.6	72.5	63.7	48.3
1863	60.3	61.4	71.8	61.5	47.1
1864	62.8	62.2	73.5	62.6	49.8
1865	61.0	61.0	73.1	62.9	48.9
1866	62.1	59.7	74.8	63.7	51.4
1867	59.9	58.3	71.9	62.1	48.7
1868	60.1	59.8	71.5	61.4	48.1
1869	60.4	58.9	72.1	62.3	48.2
1870	59.6	57.0	71.2	61.7	48.7
1871	59.6	58.9	70.8	59.9	47.7
1872	60.4	60.5	71.6	59.6	50.2
1873	60.7	61.6	70.4	62.9	50.0
1874	59.8	59.0	71.3	62.1	47.6
1875	62.5	63.3	72.1	60.8	48.2
1876	61.7	59.9	74.6	62.3	49.0
1877	61.2	61.2	73.5	63.4	49.9
1878	61.3	60.5	72.9	62.5	49.9
1879	60.3	59.3	72.9	60.9	49.2
1880	57.5	55.0	69.1	59.9	44.5
1881	59.2	60.4	68.5	58.5	51.0
1882	58.5	57.6	71.1	58.8	45.9
1883	58.8	58.5	72.4	60.1	45.4
1884	58.8	57.9	69.8	60.0	45.9
Totals	1926.4	1903.1	2295.6	1967.1	1496.1
Averages	†60.2	59.5	71.7	61.5	‡48.3

* The Winter tables are for the Winters from 1852–3 to 1883–4, both inclusive.
† Mean for thirty-two years.
‡ Mean for thirty-one years.

The following table gives the average annual barometer, thermometer, and hygrometer, the maximum and minimum temperature. The hygrometrical observations is the amount of moisture or relative humidity contained in the atmosphere, also the mean average for seven years:

Year.	Mean Annual Barometer.	Mean Annual Relative Humidity.	Mean Annual Temperature.	Max. Yearly Temperature.	Min. Yearly Temperature.
1878	29.946	62.2	61.3	100.5—Aug.	23.5—Dec.
1879	29.998	65.7	60.3	103.0—Aug.	25.0—Dec.
1880	30.025	64.6	57.7	98.0—July	25.0—Jan.
1881	30.026	66.7	59.2	98.6—July	31.9—Dec.
1882	30.030	66.0	58.2	99.8—Aug.	27.0—Dec.
1883	30.034	69.0	58.8	103.5—July	22.0 { Jan. Feb.
1884	29.985	70.7	58.8	100.0—Aug.	21.0—Feb.
Totals	210.044	464.9	414.3	Highest, 103.5—1883.	Lowest, 21.0—1884.
Averages	30.006	66.4	59.2		

The Winter tables following this statement show the average Winter pressure, temperature, and relative humidity, the highest and lowest temperature for the Winter seasons of 1877–8 to 1883–4, and the mean average for seven years:

Winter of—	Mean Winter Barometer.	Mean Winter Relative Humidity.	Mean Winter Temperature.	Max. Winter Temperature.	Min. Winter Temperature.
1877–78	30.004	77.1	49.9	67.0—Dec.	27.0—Jan.
1878–79	30.120	68.3	49.2	73.5—Feb.	23.5—Dec.
1879–80	30.163	77.2	44.5	64.0—Feb.	25.0 { Dec. Jan.
1880–81	30.116	84.0	51.0	67.0—Feb.	35.0—Jan.
1881–82	30.169	76.4	45.9	62.8—Feb.	29.0—Dec.
1882–83	30.189	77.9	45.4	71.7—Feb.	22.0 { Jan. Feb.
1883–84	30.120	83.0	45.9	71.0—Feb.	21.0—Feb.
Totals	210.881	543.9	331.8	Highest, 73.5—1878-9	Lowest, 21.0—1884.
Averages	30.126	77.7	47.3		

The average Spring pressure, relative humidity and temperature, the maximum and minimum Spring temperature, also the mean average for seven years past, will be found as follows, viz.:

Spring of—	Mean Spring Barometer.	Mean Spring Relative Humidity.	Mean Spring Temperature.	Max. Spring Temperature.	Min. Spring Temperature.
1878	29.936	67.1	60.5	91.0—May	40.0—March
1879	30.046	68.4	59.3	91.0—May	38.0—March
1880	30.061	66.2	55.0	86.0—May	29.0—March
1881	30.006	68.4	60.4	88.8—May	37.0—March
1882	30.037	61.9	57.6	94.6—May	34.1—March
1883	30.009	68.9	58.5	98.0—May	39.8—April
1884	29.968	73.3	57.9	85.0—May	39.0—March
Totals	210.063	474.2	409.2	Highest, 98.0—1883.	Lowest, 29.0—1880.
Averages	30.009	67.7	58.5		

The tabulated statement following indicates the average Summer pressure, relative humidity and temperature, the maximum and minimum Summer temperature, and the mean average for seven years:

Summer of—	Mean Summer Barometer.	Mean Summer Rel. Humidity.	Mean Summer Temperature.	Max. Summer Temperature.	Min. Summer Temperature.
1878	29.817	54.7	72.9	100.5—Aug.	49.0—June
1879	29.821	52.7	72.9	103.0—Aug.	51.0—July
1880	29.880	59.3	69.1	98.0—July	49.0—Aug.
1881	29.903	56.3	68.5	98.6—July	48.0—June
1882	29.898	57.0	71.1	99.8—Aug.	51.2—June
1883	29.908	58.4	72.4	103.5—July	49.8—June
1884	29.919	63.3	69.8	100.0—Aug.	52.9—June
Totals	209.146	401.7	496.7	Highest, 103.5—1883.	Lowest, 48.0—1881.
Averages	29.878	57.4	71.0		

The following table shows the average Autumn pressure, relative humidity and temperature, the maximum and minimum Fall temperature, and the mean averages for the past eight years:

Fall of—	Mean Fall Barometer.	Mean Fall Rel. Humidity.	Mean Fall Temperature.	Max. Fall Temperature.	Min. Fall Temperature.
1877	29.973	54.3	63.4	88.0—Sept.	37.0—Nov.
1878	29.991	54.4	62.5	92.0—Sept.	34.0—Nov.
1879	30.000	65.2	60.9	96.0—Sept.	33.0—Nov.
1880	30.035	54.9	59.9	92.0—Sept.	27.0—Nov.
1881	30.026	58.4	58.5	96.0—Sept.	32.0—Nov.
1882	30.024	69.6	58.8	99.6—Sept.	34.0—Nov.
1883	30.011	68.8	60.1	101.0—Sept.	29.0—Nov.
1884	30.000	69.1	60.0	93.5—Sept.	37.7—Nov.
Totals	240.060	494.7	484.1	Highest, 101.0—1883.	Lowest, 27.0—1880.
Averages	30.008	61.8	80.5		

The table following will be found to contain the average direction of the wind, the total velocity, the rainfall, and the clear, fair, and cloudy days; also, days rain fell during the Winter months from 1877-8 to 1883-4:

Winter of—	M'n Winter Direction.	Velocity for Winter.	Rainfall for Winter.	Clear Days.	Fair Days.	Cloudy Days.	Days Rain Fell.
1877-78	S.E.	13.452	18.74	26	28	36	39
1878-79	N.	12.650	7.53	44	31	15	23
1879-80	S.E.	13.735	6.88	39	17	35	29
1880-81	S.E.	16.092	23.01	14	26	50	43
1881-82	N.	14.611	7.56	46	26	18	25
1882-83	S.E.	11.131	4.47	52	30	8	15
1883-84	S:E.	12.294	8.33	47	25	19	25
Totals	----------	93.965	76.52	268	183	181	199
Averages	S.E.	13.424	10.931	38.3	26.1	25.9	28.4

The average direction of the wind, total velocity, the rainfall, and number of clear, fair, and cloudy days, also number of days rain fell during the Spring season, from 1878 to 1884, will be found in the following tabulated statement:

Spring of—	Mean Spring Direction.	Velocity for Spring.	Rainfall for Spring.	Clear Days.	Fair Days.	Cloudy Days.	Days Rain Fell.
1878	S.	13.962	4.33	45	28	19	21
1879	S.E.	14.530	8.84	39	34	19	31
1880	S.E.	19.653	16.66	49	24	19	25
1881	S.	14.966	3.01	60	22	10	12
1882	N.	17.774	6.12	57	19	16	19
1883	S.	15.825	7.22	54	26	12	21
1884	S.W.	18.168	12.52	46	23	23	25
Totals	----------	114.878	58.70	350	176	118	154
Averages	S.	16.411	8.386	50.0	25.1	16.9	22.1

The statistics following will be found to contain the mean direction of the wind, total velocity, the rainfall, the number of clear, fair, and cloudy days, also the number of days rain fell for the Summer season, from 1878 to 1884:

Summer of—	Mean Summer Direction.	Velocity for Summer.	Rainfall for Summer.	Clear Days.	Fair Days.	Cloudy Days.	Days Rain Fell.
1878	S.	13.303	----------	83	9	----------	----------
1879	S.	13.645	.13	81	11	----------	3
1880	S.	16.066	Sprinkle	85	7	----------	2
1881	S.	16.531	.50	86	5	1	3
1882	S.	15.449	.10	87	4	1	3
1883	S.	15.609	----------	89	3	----------	----------
1884	S.	16.518	1.45	76	9	6	7
Totals	----------	107.121	2.18	587	48	8	18
Averages	S.	15.303	0.311	83.9	6.9	1.1	2.6

The mean direction of the wind, the total velocity, the rainfall, and number of clear, fair, and cloudy days, also the number of days rain fell for the Fall season from 1878 to 1884, will be found recorded in the following table:

Fall of—	Mean Fall Direction.	Velocity for Fall.	Rainfall for Fall.	Clear Days.	Fair Days.	Cloudy Days.	Days Rain Fell.
1878	N.	11.269	1.35	71	16	4	7
1879	S.	10.492	2.93	59	20	12	12
1880	N.	11.518	.05	71	14	6	2
1881	N.	12.993	2.73	73	15	3	11
1882	N.W.	12.213	6.42	61	22	8	15
1883	S.	10.771	2.48	67	18	6	11
1884	N. & S.E.	10.659	2.61	75	13	3	7
Totals		79.915	18.57	477	118	42	65
Averages	N.	11.416	2.653	68.1	16.9	6.0	9.3

The tabulated statement below shows the number of times the wind was observed blowing from the different points of the compass for the Winter seasons from 1877–8 to 1883–4—three observations daily:

Winter of—	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
1877–78	66	7	15	69	54	19	3	11	26
1878–79	102	4	5	41	41	18	4	11	44
1879–80	41	13	19	77	30	17	6	47	23
1880–81	50	5	7	107	57	15	2	19	8
1881–82	86	9	8	75	35	18	7	12	20
1882–83	54	8	16	66	33	14	9	60	9
1883–84	63	11	15	75	37	8	8	40	15
Totals	462	57	85	510	287	109	39	200	145
Averages	66.0	8.1	12.1	72.9	41.0	15.1	5.6	28.6	20.7

The following table shows the number of times the wind was observed blowing from the different points of the compass; also the number of calms observed during the Spring season, from 1878 to 1884, and is as follows from three daily observations:

Spring of—	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
1878	30	2	3	48	89	54	11	23	16
1879	34	3	1	29	82	75	13	16	23
1880	31	4	6	61	59	60	6	45	4
1881	50	4	4	42	71	71	10	14	10
1882	71	0	1	52	56	55	7	21	13
1883	13	3	8	57	91	50	9	42	3
1884	29	2	7	51	70	75	11	27	3
Totals	258	18	30	340	518	440	67	188	72
Averages	36.9	2.6	4.3	48.6	72.6	62.9	9.6	26.9	10.3

The wind's direction for the Summer months from 1878 to 1884 will be found to be as follows:

Summer of—	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
1878	13	1	0	25	161	47	6	15	8
1879	24	1	0	5	111	79	8	37	11
1880	14	0	1	46	109	64	10	30	2
1881	21	1	0	58	115	55	6	16	4
1882	3	1	2	56	135	41	9	23	5
1883	6	0	0	54	127	50	9	29	0
1884	2	0	3	52	107	76	8	24	3
Totals	83	4	6	296	865	412	56	174	33
Averages	11.9	0.6	0.9	42.3	123.6	58.9	8.0	24.9	4.7

The table following shows the direction of wind during the Fall months, from 1878 to 1884, both years included:

Fall of—	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
1877	59	10	5	19	78	29	9	31	33
1878	75	5	3	12	64	36	15	37	26
1879	45	9	9	41	66	42	4	28	38
1880	75	7	7	40	55	37	12	30	10
1881	81	10	2	46	46	35	8	28	16
1882	19	8	5	60	54	27	20	66	14
1883	30	4	10	62	66	29	6	53	12
1884	49	7	3	49	47	48	12	38	20
Totals	433	60	44	329	476	283	86	311	169
Averages	54.1	7.5	5.5	41.1	59.5	35.4	10.8	38.9	21.1

The following data shows the number of times the wind was observed blowing from the different points of the compass, and also the number of calms occurring at the time of observations. The calculations are made from three daily observations, making 1,095 observations during each year, and 1,098 for 1881, and is as follows:

Year of—	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
1878	194	11	12	151	364	155	36	84	88
1879	165	18	14	140	306	220	29	104	100
1880	162	24	33	239	259	172	34	147	30
1881	217	24	12	232	280	176	30	72	51
1882	167	14	21	251	276	145	43	140	37
1883	102	17	37	243	322	138	31	173	29
1884	149	18	22	220	267	213	38	132	36
Totals	1,156	126	151	1,476	2,074	1,219	241	852	371
Averages	165.1	18.0	21.4	210.9	296.3	174.1	34.4	121.7	53.0

The following table shows the total number of clear, fair, and cloudy days; also, the number of days in which rain fell for each year, from 1878 to 1884—both years included:

Year of—	Clear Days.	Fair Days.	Cloudy Days.	Days on which Rain Fell.
1878	225	81	59	67
1879	223	96	46	69
1880	244	62	60	58
1881	233	68	64	69
1882	251	71	43	62
1883	260	77	26	46
1884	238	68	57	69
Totals	1,674	523	355	440
Averages	239.1	74.7	50.7	62.9

RECORDS OF RAINFALL.

INTERESTING DATA UPON THE SUBJECT FROM VARIOUS SECTIONS OF THE STATE, COMPILED BY SERGEANT BARWICK, UNITED STATES SIGNAL CORPS.

The rainfall that was called for through Sacramento papers by Sergeant Barwick from all portions of the State some time ago has been in a measure quite successful, as he has received rainfall records from San Diego to Siskiyou Counties. The data received has been carefully compiled and averages calculated by the Sergeant, and ably assisted in his work by Lopez Maulding of this city. The tabulated matter will begin with San Diego County and come northward. The first table is from Poway, San Diego County, and covers a period from November, 1878, to December, 1884. The data was furnished by Adams Chapin of Poway, volunteer observer of the United States Signal Service:

RAINFALL AT POWAY, SAN DIEGO COUNTY.

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total for Year	For Season of	Total for Season.
1878											.02	1.57			
1879	2.88	1.50	none	1.30	.08	.20	none	none	none	.30	2.75	4.72	13.73	1879-80	15.61
1880	1.13	1.54	1.76	3.10	.09	none	.06	.16	none	.74	.30	3.56	12.44	1880-81	10.43
1881	1.16	.60	2.86	1.14	.03	none	none	.04	.03	1.17	.20	.73	7.96	1881-82	13.39
1882	6.40	2.69	1.13	.90	.04	.09	none	.01	.04	.29	.60	.27	12.46	1882-83	8.47
1883	.94	1.76	1.87	1.36	1.34	none	none	none	none	1.59	none	2.40	11.26	1883-84	29.45
1884	1.59	9.40	6.96	4.81	2.26	.44	none	none	none	.24	.38	5.91	31.99		
Totals	14.10	17.49	14.58	12.61	3.84	.73	.06	.21	.07	4.13	4.25	19.16	89.84		77.35
Av'ges	3.350	2.915	2.430	2.102	.640	.122	.010	.035	.012	.688	.607	2.737	14.973		13.470

SAN DIEGO, SAN DIEGO COUNTY.

The table for this most southerly station in California dates back to November 1, 1871, and includes to December 31, 1884. The figures are from the annual reports of the Chief Signal Officer. They show the rainfall by calendar years and seasonal years; also, the totals and averages by months:

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total for Year	Season of	Inches
1871											1.19	1.39			
1872	.99	1.63	.46	.26	.12	none	none	.18	none	none	none	1.41	5.08	1871-72	6.22
1873	.34	4.15	.11	.10	.01	none	none	1.95	none	none	.77	5.46	12.89	1872-73	8.10
1874	3.11	3.73	1.20	.35	.32	none	.12	none	.04	.53	.88	.55	10.83	1873-74	15.06
1875	2.38	.37	.45	.12	.20	.02	none	.21	39	none	2.25	.41	6.80	1874-75	5.75
1876	2.47	2.44	1.78	.06	.05	.05	.03	.06	.03	.08	.04	.15	7.24	1875-76	9.99
1877	1.05	.23	1.44	.26	.43	none	none	none	none	.81	.06	3.89	8.17	1876-77	3.71
1878	1.45	4.83	1.41	2.91	.58	.16	none	none	none	.96	none	1.57	13.87	1877-78	16.10
1879	3.54	1.04	.10	.60	sprin	.07	none	none	none	.29	2.77	6.30	14.71	1878-79	7.88
1880	.61	1.50	1.43	1.34	.06	.06	.09	.32	none	.53	.28	4.15	10.37	1879-80	14.77
1881	.52	.45	1.88	1.35	.04	.05	none	.01	.04	.24	.12	.30	5.00	1880-81	9.26
1882	4.53	2.55	1.02	.45	.18	.07	none	none	.01	.41	.39	.13	9.74	1881-82	9.51
1883	1.09	.95	.41	.31	1.14	.08	none	none	none	2.01	.20	1.82	8.01	1882-83	4.92
1884	1.34	9.05	6.23	2.84	2.17	.31	none	none	.07	none	.11	4.83	26.95	1883-84	25.97
Totals	23.42	32.92	17.92	10.95	5.30	.87	.24	2.73	.58	5.86	9.06	32.36	139.66		137.24
Av'ges	1.801	2.532	1.378	.842	.408	.067	.018	.210	.045	4.50	.647	2.312	10.743		10.557

LOS ANGELES, LOS ANGELES COUNTY.

The table for Los Angeles is compiled from reports of the Chief Signal Officer, and covers the period from July 1, 1877, to December 31, 1884, and is a record of the rainfall by months, by calendar years, and seasonal years. It also shows totals and averages for each month from the date of opening the station to December 31, 1884:

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total for Year	Season of	Inches
1877							none	none	none	.86	.45	3.93	*5.24		
1878	3.33	7.68	2.57	1.71	.66	.07	none	none	none	.14	none	4.70	20.86	1877-78	21.68
1879	3.59	.97	.49	1.19	.24	.03	none	none	none	.93	3.44	6.53	17.41	1878-79	11.35
1880	1.33	1.56	1.45	5.06	.04	none	sprin	sprin	none	.14	.67	8.40	18.65	1879-80	20.34
1881	1.43	.36	1.66	.46	.01	none	none	sprin	sprin	.82	.27	.52	5.53	1880-81	13.13
1882	1.01	2.66	2.66	1.83	.63	sprin	none	none	sprin	.05	1.82	.08	10.74	1881-82	10.40
1883	1.62	3.47	2.87	.15	2.02	.03	sprin	none	none	1.42	none	2.56	14.14	1882-83	12.03
1884	3.15	13.37	12.36	3.58	.39	1.39	.02	.02	sprin	.39	1.07	4.65	40.37	1883-84	38.26
Totals	15.46	30.07	24.06	13.98	3.99	1.52	.02	.02	sprin	4.75	7.72	31.37	127.70		127.19
Av'ges	2.209	4.296	3.437	1.997	5.70	.217	.002	.002	sprin	.594	.965	3.921	18.243		18.170

*Total for six months.

VISALIA, TULARE COUNTY.

The rainfall at Visalia, Tulare County, was taken from the United States Signal Service annual reports, and extends from July, 1877, to June 15, 1883, on which date the Signal Service station at that point was discontinued:

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total for Year	Season of	Total for Season.
1877	------	------	------	------	------	------	none	none	none	none	.53	.83	------	1877-78	10.49
1878	3.25	3.98	1.13	.69	.08	none	none	none	none	.36	.10	.20	9.79	1878-79	3.95
1879	.70	.30	.53	1.23	.47	.06	none	none	none	.92	1.03	2.16	7.40	1879-80	12.81
1880	.98	3.14	.48	3.82	.28	none	sprin.	none	none	.13	.35	5.03	14.21	1880-81	11.70
1881	2.71	1.10	1.20	.86	.29	none	sprin.	.03	.09	.31	.52	.27	7.38	1881-82	6.73
1882	.87	1.86	1.47	.95	.37	.02	none	none	.21	1.31	.83	.15	8.04	1882-83	8.17
1883	.04	.54	2.48	1.79	.82	------	------	------	------	------	------	------	------	------	------
Totals	8.55	10.92	7.29	9.34	2.31	.08	sprin.	.03	.30	3.03	3.36	8.64	46.82	------	53.85
Av'ges	1.425	1.820	1.215	1.557	.385	.013	sprin.	.005	.050	.505	.560	1.440	7.803	------	8.975

SALINAS, MONTEREY COUNTY.

The rainfall of Salinas, Monterey County, was furnished by Dr. E. K. Abbott, and extends from July, 1872, to December 31, 1884, showing the rainfall by months, years, and seasons; also the averages:

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total for Year	Season of	Total for Season.
1872	------	------	------	------	------	------	none	none	.01	.02	.02	6.80	------	1872-73	13.45
1873	3.40	2.40	.80	none	none	none	none	none	.10	.10	.20	4.25	11.25	1873-74	11.17
1874	3.42	none	2.15	.95	none	none	none	none	none	1.83	1.42	none	9.77	1874-75	8.59
1875	4.50	.15	.69	none	none	none	none	none	none	none	5.17	2.18	12.69	1875-76	21.59
1876	6.16	3.55	4.52	none	.01	none	.10	none	.05	1.04	.05	none	15.48	1876-77	4.74
1877	2.54	.16	.30	.10	.40	none	none	none	none	.12	1.00	2.39	7.01	1877-78	23.82
1878	7.05	8.77	2.57	1.92	none	none	none	none	.05	.60	.20	.35	21.51	1878-79	10.94
1879	2.42	2.81	1.85	1.69	.82	.15	none	none	none	1.05	1.08	2.28	14.15	1879-80	13.22
1880	1.65	1.16	1.64	3.90	.46	none	none	none	none	none	.57	5.56	14.94	1880-81	14.07
1881	3.32	2.32	1.26	.66	none	.38	none	none	.10	.28	.67	1.24	10.23	1881-82	12.93
1882	1.78	2.31	4.86	1.01	.49	.19	none	none	.38	1.43	.65	1.95	15.05	1882-83	11.79
1883	.91	.95	2.26	1.28	1.98	none	none	none	.19	1.19	.25	.90	9.91	1883-84	20.25
1884	1.71	4.49	5.09	3.05	.72	2.66	none	.18	.11	1.79	.28	4.46	24.54	------	------
Totals	38.86	29.07	27.99	14.56	4.88	3.38	.10	.18	.99	9.45	11.56	32.36	166.53	------	166.56
Av'ges	3.238	2.422	2.332	1.213	.407	.282	.008	.015	.076	.724	.889	2.489	13.878	------	13.880

SAN FRANCISCO.

The rainfall from 1849 to 1875 in the following table was taken from the report of the State Agricultural Society for 1874, and was furnished to that society by Thomas Tennant. The rainfall from 1875 to date is compiled from the reports of the Chief Signal Officer:

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total for Year	Season of	Inches
1849							none	none	none	3.14	8.66	6.20			
1850	8.34	1.77	4.53	.46	none	none	none	none	.33	none	.92	1.05	17.40	1849-50	33.10
1851	.72	.54	1.94	1.23	.67	none	none	none	1.03	.21	2.12	7.10	15.56	1850-51	7.40
1852	.58	.14	6.68	.26	.32	none	none	none	none	.80	5.31	13.20	27.29	1851-52	18.44
1853	3.92	1.42	4.86	5.37	.35	none	none	.04	.46	.12	2.28	2.32	21.14	1852-53	35.26
1854	3.88	8.04	3.51	3.12	.02	.08	none	.01	.15	2.41	.34	.81	22.37	1853-54	23.87
1855	3.67	4.77	4.64	5.00	1.88	none	none	none	none	none	.67	5.76	26.39	1854-55	23.68
1856	9.40	.50	1.60	2.94	.76	.03	.02	none	.07	.45	2.79	3.75	22.31	1855-56	21.66
1857	2.45	8.59	1.62	none	.02	'12	none	.05	none	.93	3.01	4.14	20.93	1856-57	19.88
1858	4.36	1.83	5.55	1.55	.34	.05	.05	.16	none	2.74	.69	6.14	23.46	1857-58	21.81
1859	1.28	6.32	3.02	.27	1.55	none	none	.02	.03	.05	7.28	1.57	21.39	1858-59	22.22
1860	1.64	1.60	3.99	3.14	2.86	.09	.21	none	none	.19	.58	6.16	20.46	1859-60	22.27
1861	2.47	3.72	4.08	.51	1.00	.08	none	none	.02	none	4.10	9.54	25.52	1860-61	19.00
1862	24.36	7.53	2.20	.73	.74	.05	none	none	none	.40	.15	2.35	38.51	1861-62	49.27
1863	3.63	3.19	2.06	1.04	.26	none	none	none	.03	none	2.55	1.80	14.56	1862-63	13.08
1864	1.83	none	1.52	1.57	.78	none	none	.21	.01	.13	6.68	8.91	21.64	1863-64	10.08
1865	5.14	1.34	.74	.94	.63	none	none	none	.24	.26	4.19	.58	14.06	1864-65	24.73
1866	10.88	2.12	3.04	.12	1.46	'.04	none	none	.11	none	3.35	15.16	36.28	1865-66	22.93
1867	5.16	7.20	1.58	2.36	none	none	none	none	.04	.20	3.41	10.69	30.64	1866-67	34.92
1868	9.50	6.13	6.30	2.31	.03	.23	none	none	none	.15	1.18	4.34	30.17	1867-68	38.84
1869	6.35	3.90	3.14	2.19	.08	.02	none	none	.12	1.29	1.19	4.31	22.59	1868-69	21.35
1870	3.89	4.78	2.00	1.53	.20	none	none	none	.03	none	.43	3.38	16.24	1869-70	19.31
1871	3.07	3.76	1.29	1.93	.21	none	none	none	.03	.11	3.72	16.74	30.86	1870-71	14.10
1872	4.22	6.97	1.64	1.10	.16	.02	none	none	.14	.21	2.62	7.25	24.33	1871-72	34.71
1873	2.17	4.24	.78	.52	.01	.08	.03	.15	none	.68	1.31	10.12	20.09	1872-73	18.02
1874	4.85	1.83	3.55	1.04	.34	.08	none	none	.83	2.73	5.92	.28	21.45	1873-74	23.98
1875	6.97	.20	1.08	.02	.11	1.01	none	none	none	.24	7.27	4.15	21.05	1874-75	19.15
1876	7.55	4.92	5.49	1.29	.24	.04	.01	.01	.38	3.36	.25	none	23.54	1875-76	31.21
1877	4.32	1.18	1.08	.26	.18	.01	.02	none	none	'65	1.57	2.66	11.93	1876-77	11.04
1878	11.97	12.52	4.56	1.06	.16	.01	.01	none	.55	1.27	.57	.58	33.26	1877-78	35.17
1879	3.52	4.90	8.75	1.89	2.35	.05	.01	.02	sprin	.78	4.03	4.46	30.76	1878-79	24.46
1880	2.23	1.87	2.08	10.06	1.12	none	none	none	none	.05	.33	12.33	30.07	1879-80	26.63
1881	8.69	4.64	.90	2.00	.22	.69	none	none	.25	.54	1.94	3.85	23.72	1880-81	29.86
1882	1.68	2.96	3.45	1.22	.21	.04	none	none	.26	2.66	4.18	2.01	18.67	1881-82	16.14
1883	1.92	1.04	3.01	1.51	3.52	.01	none	none	.42	1.48	1.60	92	15.43	1882-83	20.12
1884	3.94	6.65	8.24	6.33	.23	2.57	sprin	.04	.33	2.55	.26	7.68	38.82	1883-84	32.42
Totals	180.45	133.11	114.50	66.87	23.04	5.40	.36	.71	5.86	30.78	97.45	192.26	832.89		840.11
Av'ges	5.156	3.803	3.271	1.911	.658	.154	.010	.020	.162	.855	2.709	5.340	23.797		24.003

OAKLAND, ALAMEDA COUNTY.

The rainfall record below was taken by Mr. James Hutchison, of the Bay Nursery, Oakland, and furnished to Sergeant Barwick by Dr. J. B. Trembley, of Oakland. It shows the rainfall by months, by years, and by seasons, along with the monthly totals and averages for eleven years, extending from October, 1873, to December, 1884:

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total for Year	Season of	Total for Season.
1873										.60	.60	10.18			
1874	5.60	1.80	5.25	1.25	.75	none	none	none	none	2.34	9.18	.31	26.48	1873-74	26.03
1875	6.15	.30	1.65	none	.10	1.64	none	none	none	.30	7.83	4.10	22.07	1874-75	21.67
1876	5.28	4.87	4.55	.93	.45	.24	.10	none	.15	4.74	.25	none	21.56	1875-76	28.55
1877	4.19	1.42	.96	.22	.33	none	.18	none	none	.45	1.62	1.75	11.12	1876-77	12.36
1878	10.82	11.63	4.30	1.18	.40	none	none	none	.57	1.85	.65	.31	31.71	1877-78	32.33
1879	3.84	5.65	7.96	1.17	1.39	.16	none	none	none	.70	2.98	5.06	28.91	1878-79	23.55
1880	1.71	2.19	1.70	8.46	1.04	none	none	none	none	.05	.35	12.57	28.07	1879-80	23.84
1881	10.48	3.95	.88	1.40	.50	1.16	none	none	.40	.82	1.49	5.09	26.17	1880-81	31.34
1882	2.42	2.05	4.20	1.51	.15	none	none	none	.42	2.65	4.33	1.14	18.87	1881-82	18.13
1883	1.95	.70	3.33	2.20	3.50	none	none	none	1.00	1.03	.90	1.15	15.76	1882-83	20.22
1884	3.81	5.25	8.59	5.79	.55	3.03	none	.25	.35	2.80	.05	7.73	38.20	1883-84	31.10
Totals	56.25	39.81	43.37	24.11	9.16	6.23	.28	.25	2.89	18.33	30.23	49.39	268.92		269.12
Av'ges	5.114	3.619	3.943	2.192	.833	.566	.025	.023	.263	1.666	2.748	4.490	24.447		24.465

SACRAMENTO, SACRAMENTO COUNTY.

The following important table of rainfall at Sacramento, from September, 1849, to December 31, 1884, has been in the main published heretofore, but is now extended to include December 31, 1884, thus covering a period of thirty-five years and four months. It was collated from the records of Dr. T. M. Logan, Dr. F. W. Hatch, and those of the United States Signal Service office:

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total for Year	Season of	Inches
1849									.25	1.50	2.25	12.50	------	1849-50	36.00
1850	4.50	.50	10.00	4.25	.25	none	none	none	none	none	sprin	sprin	19.50	1850-51	4.71
1851	.65	.35	1.88	1.14	.69	none	none	none	1.00	.18	2.14	7.07	15.10	1851-52	17.98
1852	.58	.12	6.40	.19	.30	none	none	none	sprin	none	6.00	13.41	27.00	1852-53	36.36
1853	3.00	2.00	7.00	3.50	1.45	sprin	sprin	none	sprin	sprin	1.50	1.54	19.99	1853-54	20.06
1854	3.25	8.50	3.25	1.50	.21	.31	none	sprin	sprin	1.01	.65	1.15	19.83	1854-55	18.62
1855	2.67	3.46	4.20	4.32	1.15	.01	none	none	sprin	none	.75	2.00	18.56	1855-56	13.76
1856	4.92	.69	1.40	2.13	1.84	.03	none	none	sprin	.20	.65	2.40	14.26	1856-57	10.46
1857	1.38	4.80	.68	sprin	sprin	.35	none	sprin	none	.66	2.41	2.63	12.91	1857-58	15.00
1858	2.44	2.46	2.88	1.21	.20	.10	.01	sprin	sprin	3.01	.15	4.34	16.80	1858-59	16.03
1859	.96	3.91	1.64	.98	1.04	none	none	none	.02	none	6.48	1.83	16.86	1859-60	22.09
1860	2.31	.93	5.11	2.87	2.49	.02	.63	none	.06	.91	.18	4.28	19.19	1860-61	16.10
1861	2.67	2.92	3.32	.48	.59	.14	.55	none	none	sprin	2.17	8.64	21.38	1861-62	35.56
1862	15.04	4.26	2.80	.82	1.81	.01	none	.01	none	.36	sprin	2.33	27.44	1862-63	11.58
1863	1.73	2.75	2.36	1.69	.36	none	none	none	sprin	none	1.49	1.82	12.20	1863-64	7.87
1864	1.08	.19	1.30	1.08	.74	.09	none	.08	sprin	.12	6.72	7.87	19.27	1864-65	22.51
1865	4.78	.71	.48	1.37	.46	none	sprin	none	.08	.48	2.43	.36	11.15	1865-66	17.93
1866	7.70	2.01	2.02	.48	2.25	.10	.02	none	none	sprin	2.43	9.51	26.52	1866-67	25.30
1867	3.44	7.10	1.01	1.80	.01	none	none	none	.01	none	3.81	12.85	30.03	1867-68	32.79
1868	6.04	3.15	4.35	2.31	.27	sprin	none	none	none	none	.77	2.61	19.50	1868-69	16.64
1869	4.79	3.63	2.94	1.24	.65	.01	none	none	sprin	2.12	.85	1.96	18.19	1869-70	13.57
1870	1.37	3.24	1.64	2.12	.27	sprin	sprin	sprin	none	.02	.58	.97	10.21	1870-71	8.47
1871	2.08	1.92	.69	1.45	.76	sprin	none	none	sprin	.21	1.22	10.59	18.92	1871-72	23.65
1872	4.04	4.74	1.94	.61	.28	.02	none	none	sprin	.22	1.93	5.39	19.17	1872-73	14.21
1873	1.23	4.36	.55	.51	none	sprin	.02	sprin	none	.31	1.21	10.01	18.20	1873-74	22.90
1874	5.20	1.86	3.05	.89	.37	sprin	sprin	none	.05	2.26	3.80	.44	17.92	1874-75	17.70
1875	8.70	.55	.80	sprin	sprin	1.10	none	none	none	.44	6.20	5.52	23.31	1875-76	26.53
1876	4.99	3.75	4.15	1.10	.15	none	.21	.02	sprin	3.45	.30	none	18.12	1876-77	8.96
1877	2.77	1.04	.56	.19	.64	.01	sprin	sprin	none	.73	1.07	1.43	8.44	1877-78	24.86
1878	9.26	8.04	3.09	1.07	.17	none	none	none	.29	.55	.51	.47	23.45	1878-79	17.85
1879	3.18	3.88	4.88	2.66	1.30	.13	sprin	sprin	none	.88	2.05	3.41	22.37	1879-80	26.47
1880	1.64	1.83	1.70	14.20	.76	none	sprin	none	none	none	.05	11.81	31.99	1880-81	26.57
1881	6.14	5.06	1.37	1.64	sprin	.50	sprin	none	.30	.55	1.88	3.27	20.71	1881-82	16.51
1882	1.89	2.40	3.78	1.99	.35	.10	sprin	none	.57	2.63	3.22	1.13	18.06	1882-83	18.11
1883	2.23	1.11	3.70	.67	2.85	none	none	none	.90	.97	.61	.44	13.48	1883-84	24.78
1884	3.43	4.46	8.14	4.32	.06	1.45	none	sprin	.60	2.01	none	10.45	34.92	1884-85	------
Totals	132.08	102.68	105.06	66.78	25.72	4.48	1.14	.11	4.13	25.78	68.46	166.40	685.95	--------	688.49
Av'ges, 35 years	3.774	2.934	3.002	1.908	.735	.128	.032	.003	*.115	*.716	*1.902	*4.622	19.599	--------	19.671

* Mean for thirty-six years. All others for thirty-five years.

RAINFALL AT FOLSOM, SACRAMENTO COUNTY.

The rainfall data tabulated below is from Folsom, Sacramento County, and was furnished Sergeant Barwick by J. H. Sturgis, volunteer observer of the United States Signal Service at that point. The rainfall is from September, 1871, to December, 1884, showing the totals, averages, yearly and seasonal averages for the past thirteen years:

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total for Year	Season of	Total for Season
1871	------	------	------	------	------	------	------	------	sprin	.55	1.95	13.12	------	1871-72	28.82
1872	5.50	4.72	1.60	.63	.75	sprin	none	sprin	sprin	.25	2.80	6.53	22.78	1872-73	15.70
1873	1.64	4.05	.34	.05	.03	none	.01	sprin	sprin	sprin	1.39	10.51	18.02	1873-74	24.45
1874	5.26	2.63	1.82	2.03	.81	sprin	sprin	none	sprin	1.66	5 19	.13	19.53	1874-75	15.70
1875	6.14	.04	1.24	sprin	.07	1.23	none	none	none	.26	7.12	4.49	20.59	1875-76	30.53
1876	5.89	4.06	6.62	1.56	.24	sprin	.26	.03	none	3.76	.25	none	22.38	1876-77	9.90
1877	3.38	.68	.81	sprin	1.02	sprin	sprin	sprin	none	.75	.54	1.34	8.52	1877-78	25.09
1878	8.41	8.37	4.23	1.10	.26	none	none	sprin	.12	.43	.62	.56	24.10	1878-79	21.91
1879	4.87	4.94	5.43	3.38	1.44	.12	none	sprin	none	1.21	2.20	3.19	26.78	1879-80	25.09
1880	1.51	2.13	1.40	11.39	2.06	none	sprin	none	none	sprin	.10	9.85	28.44	1880-81	25.91
1881	6.70	6.07	1.38	1.13	sprin	.68	none	none	.40	1.21	1.57	3.45	22.59	1881-82	18.28
1882	2.38	3.01	3.82	2.51	.27	.06	sprin	none	.68	2.81	3.95	.74	20.23	1882-83	22.32
1883	2.11	.80	5.46	1.10	4.57	none	none	none	1.82	1.41	.81	.92	19.00	1883-84	31.02
1884	3.88	5.92	8.14	5.32	1.16	1.64	none	sprin	.64	2.02	none	9.13	37.85	------	------
Totals	57.67	47.42	42.29	30.20	12.68	3.73	.27	.03	3.66	16.32	28.49	63.96	290.81	------	294.63
Av'ges	4.436	3.648	3.253	2.323	.975	.287	.021	.002	.261	1.166	2.035	4.569	20.772	------	22.664

SHINGLE SPRINGS, EL DORADO COUNTY.

The following rainfall tables were compiled by Sergeant Barwick from data furnished him by Mrs. J. Carney, of Carson City, Nevada. The observations of rainfall were taken by her father, Doctor J. R. Edwards, an old pioneer citizen of Sacramento County; 1849 and 1850 were taken at Mormon Island, Sacramento County; the remaining years the rainfall was taken about two miles from Shingle Springs, El Dorado County, and cover a period of eighteen years for that point; and two years at Mormon Island. This gives El Dorado County a good rainfall record. This table, from 1850 to 1868, and Samuel Hale's, of Placerville, from 1874 to 1884, makes nearly twenty-eight years of rainfall records for that county:

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total for Year	Season of	Total for Season
1849	------	------	------	------	------	------	------	------	------	.08	5.65	10.40	------	1849-50	39.25
1850	13.70	2.15	6.80	.45	.02	none	none	sprin	1.23	.10	.65	2.70	27.80	1850-51	17.26
1851	4.80	.40	2.10	4.80	.40	none	none	sprin	.40	.30	2.45	7.80	23.45	1851-52	32.50
1852	3.20	.50	9.60	7.25	1.00	none	none	none	none	.50	7.20	11.40	40.65	1852-53	47.57
1853	13.70	2.40	8.20	3.00	1.10	.05	none	sprin	1.20	.75	6.40	4.10	40.90	1853-54	30.15
1854	4.40	3.40	4.30	5.40	.20	.30	none	none	none	3.72	2.70	3.50	27.92	1854-55	19.50
1855	3.20	1.10	2.50	2.10	.68	none	none	none	.70	none	2.40	5.70	18.34	1855-56	18.60
1856	4.10	.80	3.40	1.20	.20	.10	none	none	none	none	2.15	7.35	19.30	1856-57	26.11
1857	6.50	7.05	1.94	none	.42	.35	.35	none	none	.42	4.94	1.99	23.96	1857-58	19.91
1858	2.37	2.69	4.00	1.70	.20	.60	none	none	none	3.25	.50	6.20	21.51	1858-59	31.41
1859	1.22	12.00	5.81	1.82	1.51	none	none	none	none	.15	11.16	2.40	36.07	1859-60	28.09
1860	2.20	1.15	4.71	3.40	2.10	.02	.80	none	none	1.20	.50	7.43	23.51	1860-61	26.25
1861	3.78	4.60	8.34	.20	.15	.05	none	none	none	none	6.90	11.22	35.44	1861-62	77.80
1862	34.13	6.75	6.90	3.34	4.10	1.90	2.56	none	none	.78	.37	2.84	63.67	1862-63	19.27
1863	1.45	4.96	4.01	2.76	2.10	none	none	none	none	none	2.05	6.30	23.63	1863-64	24.27
1864	7.29	3.21	.63	3.94	.85	none	none	none	none	.08	9.94	9.13	35.07	1864-65	34.44
1865	5.13	5.63	1.13	2.49	.89	none	none	none	none	.45	6.84	2.57	25.13	1865-66	36.86
1866	11.08	3.46	6.21	1.31	4.88	.18	none	none	none	none	4.73	18.77	50.62	1866-67	50.30
1867	9.17	7.51	4.09	6.01	.02	none	none	sprin	.82	2.24	7.17	23.76	60.81	1867-68	------
1868	12.12	3.70	14.39	------	------	------	------	------	------	------	------	------	------	------	------
Totals	143.54	73.46	99.06	51.17	20.82	3.55	3.71	sprin	4.35	14.02	84.70	145.56	597.78	------	579.54
Av'ges	7.555	3.866	5.214	2.843	1.166	.197	.206	sprin	.242	.738	4.458	7.661	33.210	------	32.195

PLACERVILLE, EL DORADO COUNTY.

The rainfall record at Placerville, El Dorado County, was furnished Sergeant Barwick by Samuel Hale, Superintendent of the El Dorado Water and Deep Gravel Mining Company, and covers a period of six years, from 1879 to 1884. Records were also kept from February, 1874, to February, 1877. The total for each year was, for eleven months in 1874, 33.23 inches; 1875, 44.84 inches; 1876, 39.21 inches; January and February, 1877, gave 11.05 inches:

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total for Year	Season of	Total for Season
1879										3.47	5.28	7.53	16.28	1879-80	52.60
1880	4.38	5.81	4.66	17.52	3.95	none	none	none	none	.35	.58	16.94	54.19	1880-81	48.04
1881	15.53	7.01	3.38	2.36	sprin	1.89	sprin	none	1.08	2.80	2.87	7.70	44.62	1881-82	42.46
1882	6.71	5.15	9.30	5.53	1.19	.13	sprin	none	.93	5.72	4.94	1.98	41.58	1882-83	36.56
1883	3.74	2.58	6.88	3.54	6.25	none	sprin	none	1.67	3.38	1.67	2.63	32.34	1883-84	57.39
1884	6.06	11.56	14.46	11.82	1.60	2.51	sprin	.03	.85	2.47	.10	22.65	74.12		
Totals	36.42	32.11	38.68	40.77	12.99	4.53	sprin	.03	4.53	18.19	15.44	59.43	263.13		237.05
Av'ges	7.284	6.422	7.736	8.154	2.598	.906	sprin	.006	.906	3.032	2.573	9.905	43.855		47.410

GEORGETOWN, EL DORADO COUNTY.

The rainfall at Georgetown, El Dorado County, was furnished by C. M. Fitzgerald, of the California Water and Mining Company, and extends from November, 1872, to December, 1884. The table shows the monthly and annual rainfall, also total amounts for each season from 1872–73 to 1883–84, with the monthly averages, and also averages for the year and season. This makes El Dorado County the best represented in its rainfall of any county in the State, viz.: Shingle Springs, Placerville, and Georgetown:

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total for Year	Season of	Total for Season
1872											4.30	18.72			
1873	4.08	13.05	3.05	3.11	.12	none	.03	none	none	.61	.55	16.60	41.20	1872-73	46.46
1874	16.66	8.03	13.87	5.80	1.32	.20	none	none	none	3.86	14.60	1.24	65.58	1873-74	63.64
1875	17.87	.04	5.07	.31	2.03	2.06	none	none	none	1.90	24.12	10.85	64.25	1874-75	47.08
1876	13.09	9.97	14.54	4.78	1.22	none	.77	none	none	11.47	.80	none	56.64	1875-76	81.24
1877	12.44	2.14	7.78	1.74	3.87	.24	none	none	none	1.03	4.30	1.97	35.51	1876-77	40.48
1878	16.21	22.78	10.92	2.99	.99	.12	none	none	.66	2.56	2.66	.48	60.37	1877-78	61.31
1879	11.24	12.41	17.57	9.65	3.39	.34	none	none	none	3.85	6.25	11.73	76.43	1878-79	60.96
1880	5.47	6.00	5.50	25.63	5.97	none	none	none	none	.18	.37	22.67	71.79	1879-80	70.40
1881	20.83	12.85	3.84	2.40	.40	2.28	none	none	2.02	4.23	3.30	10.32	62.47	1880-81	65.82
1882	8.59	5.88	10.44	7.11	2.06	.18	none	none	.16	7.75	7.00	3.31	52.48	1881-82	54.13
1883	4.70	3.08	8.73	3.87	7.34	none	none	none	1.60	4.10	1.94	3.50	38.86	1882-83	45.94
1884	7.53	13.80	19.94	15.07	1.52	3.65	none	.01	.80	3.54	.03	33.73	99.62	1883-84	72.66
Totals	138.71	110.03	121.25	82.46	30.23	9.07	.80	.01	.524	45.08	70.22	135.12	725.20		710.12
Av'ges	11.559	9.169	10.104	6.872	2.519	.756	.067	.0008	.437	3.757	5.402	10.394	60.433		59.177

GRASS VALLEY, NEVADA COUNTY.

The rainfall that goes to make up the following table for Nevada County was taken at Grass Valley by Mr. Loutzenheiser, and forwarded to Sergeant Barwick by the Grass Valley *Daily Tidings*. It covers a period of eleven years, from 1873 to 1884:

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total for Year	Season of	Total for Season
1873	4.01	12.50	1.39	2.32	2.56	none	none	none	none	.83	2.99	19.01	45.61	1872-73	40.00
1874	13.71	6.93	11.71	3.76	1.05	.10	none	none	none	2.95	15.91	1.08	57.20	1873-74	60.09
1875	15.56	1.39	4.14	.29	1.18	2.28	none	none	none	.97	16.99	7.44	50.24	1874-75	44.78
1876	12.01	10.75	12.47	2.80	1.23	.65	none	none	.06	8.72	.62	none	49.31	1875-76	65.31
1877	10.18	2.44	4.79	1.14	1.40	.74	none	none	none	1.21	3.78	1.74	27.42	1876-77	30.09
1878	15.74	17.76	10.18	2.78	.59	none	none	none	.68	2.09	2.54	.75	53.11	1877-78	53.78
1879	10.72	11.51	18.07	7.08	3.08	.30	none	.08	none	2.79	6.54	8.86	69.03	1878-79	56.82
1880	6.40	4.83	4.07	23.31	6.23	.09	none	none	none	.04	.30	22.69	67.96	1879-80	63.20
1881	19.20	8.50	3.33	1.85	.05	1.50	none	none	1.25	3.71	3.52	8.21	51.12	1880-81	57.46
1882	6.03	6.30	7.96	5.27	1.18	.50	none	none	1.88	7.88	4.78	2.83	44.61	1881-82	43.93
1883	3.05	2.97	9.25	2.38	5.77	none	none	none	1.44	3.03	1.48	2.31	31.68	1882-83	40.70
1884	7.80	10.27	13.98	10.98	1.00	2.30	none	none	.98	3.30	.05	28.39	79.05	1883-84	54.59
Totals	124.41	96.15	101.34	63.96	25.32	8.46	none	.08	6.29	37.52	59.50	103.31	626.34		610.75
Av'ges	10.368	8.012	8.445	5.330	2.110	.705	none	.007	.524	3.127	4.958	8.609	52.195		50.896

WEST BUTTE, SUTTER COUNTY.

The report of rainfall at West Butte, Sutter County, was furnished by A. S. Noyes, and covers a period of five years and two months, from November, 1879, to December, 1884, inclusive, and is as follows:

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total for Year	Season of	Total for Season
1879											2.38	2.25		1879-80	13.25
1880	.62	.75	.75	5.88	.62	none	none	none	none	none	none	5.38	14.00	1880-81	12.20
1881	3.69	1.38	.75	1.00	none	none	none	none	.31	1.12	.38	2.00	10.63	1881-82	12.26
1882	1.88	2.31	2.57	1.19	.50	none	none	none	.25	.88	2.62	.25	12.45	1882-83	12.44
1883	.75	.19	3.06	.88	3.56	none	none	none	.62	.81	none	.19	10.06	1883-84	19.80
1884	3.81	2.12	6.50	3.75	.25	1.75	none	none	.57	1.00	none	4.94	24.69		
Totals	10.75	6.75	13.63	12.70	4.93	1.75	none	none	1.75	3.81	5.38	15.01	71.83		69.95
Av'ges	2.150	1.350	2.722	2.540	.986	.350	none	none	.350	.762	.897	2.502	14.366		13.990

MARYSVILLE, YUBA COUNTY.

The rainfall from Marysville only covers a period of two years, and was furnished the Signal Service Observer at Sacramento by J. S. Dallam, Special River Observer for the United States Signal Service at that point:

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total for Year	Season of	Total for Season
1882	------	------	------	------	------	------	------	------	.99	2.42	2.84	1.31	------	1882-83	20.12
1883	1.64	.61	3.72	.98	5.61	none	none	none	.53	1.29	.94	.54	15.86	1883-84	23.47
1884	3.93	3.84	6.04	4.14	.16	2.06	none	none	.48	2.32	.03	7.64	30.64	------	------
Totals	5.57	4.45	9.72	5.12	5.77	2.06	none	none	2.00	6.03	3.81	9.49	46.50	------	43.59
Av'ges	2.785	2.225	4.860	2.56	2.885	1.03	none	none	.667	2.010	1.270	3.164	23.250	------	21.795

COLUSA, COLUSA COUNTY.

The rainfall, etc., from Colusa, Colusa County, was furnished by J. D. McNary, Special River Observer at that point. The table below gives the rainfall by seasons from 1872–73 to 1883–84, and by months only from 1881 to 1884:

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total for Year	For Season of	Total for Season
1872	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
1873	------	------	------	------	------	------	------	------	------	------	------	------	------	1872-73	33.46
1874	------	------	------	------	------	------	------	------	------	------	------	------	------	1873-74	11.28
1875	------	------	------	------	------	------	------	------	------	------	------	------	------	1874-75	19.02
1876	------	------	------	------	------	------	------	------	------	------	------	------	------	1875-76	19.79
1877	------	------	------	------	------	------	------	------	------	------	------	------	------	1876-77	9.20
1878	------	------	------	------	------	------	------	------	------	------	------	------	------	1877-78	33.34
1879	------	------	------	------	------	------	------	------	------	------	------	------	------	1878-79	13.98
1880	------	------	------	------	------	------	------	------	------	------	------	------	------	1879-80	19.21
1881	3.70	2.27	.60	1.42	.34	none	none	none	1.19	none	.43	2.51	12.46	1880-81	16.96
1882	1.51	2.56	2.50	1.27	.04	.65	none	none	.23	1.19	1.73	.69	12.37	1881-82	22.62
1883	1.07	.37	2.36	.79	2.23	none	none	none	.68	.68	.11	.10	9.39	1882-83	11.66
1884	4.82	2.30	5.70	2.97	.12	2.88	none	none	.59	1.06	none	5.30	25.74	1883-84	29.75
Totals	11.10	7.50	11.16	6.45	3.73	3.53	none	none	2.69	2.98	2.27	8.60	59.96	------	239.47
Av'ges	2.775	1.875	2.790	1.613	.933	.883	none	none	.672	.732	.568	.215	14.990	------	19.956

PRINCETON, COLUSA COUNTY.

The record of rainfall at Princeton, Colusa County, was furnished by David Bentley, volunteer observer of the Signal Service, United States Army, and covers a period of ten years, from 1875 to 1884, inclusive, as follows:

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total for Year	Season of	Total for Season
1875	4.30	.15	.30	none	.05	1.75	none	none	none	.75	1.95	1.85	11.10	1875-76	17.18
1876	2.53	4.40	3.50	1.05	.15	.05	.90	.05	.15	4.60	.40	none	12.80	1876-77	10.20
1877	1.65	1.75	.85	none	.20	.30	.30	none	none	.98	1.63	1.48	9.11	1877-78	27.12
1878	10.43	7.64	2.28	1.01	.65	none	none	1.02	.20	.50	.96	.13	24.82	1878-79	10.73
1879	1.83	1.71	2.44	1.61	1.10	.12	none	.13	none	.07	1.91	2.81	13.73	1879-80	13.27
1880	.95	.90	.95	4.93	.75	none	none	none	none	none	.10	6.85	15.43	1880-81	15.54
1881	4.30	1.78	.83	1.15	.10	.43	none	none	.60	.60	.22	2.51	12.52	1881-82	11.09
1882	1.21	2.54	1.53	1.08	.28	.52	none	none	.18	1.71	2.42	.62	12.09	1882-83	12.05
1883	.65	.23	2.35	1.07	2.82	none	none	none	.58	.64	.10	.14	8.58	1883-84	17.78
1884	4.03	2 35	5.06	2.71	.05	2.12	none	none	1.13	1.10	none	6.03	24.58		
Totals	31.88	23.45	20.09	14.61	6.15	5.29	1.20	1.20	2.84	10.95	9.69	22.42	149.79		134.96
Av'ges	3.188	2.345	2.009	1.461	.615	.529	.120	.120	.284	1.095	.969	2.242	14.979		14.996

RED BLUFF, TEHAMA COUNTY.

This table is made up from the Signal Service records, and shows the total rainfall for each calendar year from 1878 to December 31, 1884, and the rainfall by seasons from 1877–78 to 1883–84; also, the rainfall for each month, and the totals for each month, along with the averages from the opening of the Signal Office on July 1, 1877, to date:

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total for Year	Season of	Inches
1877							.05	.03	none	1.35	3.13	3.98	*8.54		
1878	20.71	16.66	4.16	2.21	.89	none	none	none	.42	1.56	1.66	.69	48.96	1877–78	53.09
1879	3.18	3.67	5.39	2.12	2.18	.30	.04	.28	sprin	.48	6.05	9.95	33.64	1878–79	21.49
1880	2.01	1.66	1.70	7.05	1.04	none	none	none	none	.08	.14	12.85	26.53	1879–80	29.94
1881	9.40	2.79	.51	1.83	.79	.51	sprin	none	1.07	1.61	.73	5.69	24.93	1880–81	28.90
1882	2.81	3.94	2.67	2.12	.33	.15	none	none	.49	2.80	5.07	1.44	21.82	1881–82	21.12
1883	.87	.39	2.60	1.96	2.96	none	none	none	1.04	2.68	.74	.52	13.76	1882–83	18.58
1884	3.55	2.21	7.81	4.31	.18	.97	none	none	.36	.90	.04	7.75	28.08	1883–84	24.01
Totals	42.53	31.32	24.84	21.60	8.37	1.93	.09	.31	3.38	11.46	17.56	42.87	206.26		197.13
Av'ges	6.076	4.474	3.549	3.086	1.196	.276	.011	.044	.422	1.433	2.195	5.365	25.282		28.161

* Total for six months.

REED'S RAILROAD CAMP, UPPER SACRAMENTO RIVER.

The following interesting rain data from Reed's Camp, on the Upper Sacramento River, shows that heavy annual rainfalls are a very usual occurrence at that point, according to the observations made by L. Aultenreith, and by him furnished to Sergeant Barwick. The table extends from January, 1880, to December, 1884, and shows the averages by months, years, and seasons. From 1882 to 1884, the record was kept at Dog Creek, near Reed's Camp:

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total for Year	Season of	Total for Season
1880	8.60	3.34	8.32	19.26	none	none	none	none	none	none	none	32.07	71.59		
1881	31.76	14.14	8.04	5.99	.80	2.66	none	none	2.17	7.16	5.65	8.00	86.37	1880-81	95.46
1882	5.07	15.37	13.01	4.11	5.28	none	.08	none	.10	9.20	8.14	3.94	64.30	1881-82	65.90
1883	1.00	none	14.46	8.49	9.94	none	none	none	none	6.18	1.10	4 24	45.41	1882-83	55.27
1884	15.57	4.55	13.44	16.55	2.73	7.12	.25	none	1.03	7.99	2.32	19.70	91.25	1883-84	71.73
Totals	62.00	37.40	57.27	54.40	18.75	9.78	.33	none	3.30	30.53	17.21	67.95	358.92		288.36
Av'ges	12.400	7.480	11.454	10.880	3.750	1.956	.066	none	.660	6.106	3.442	13.590	71.784		72.090

YREKA, SISKIYOU COUNTY.

The rainfall table for Yreka extends from April, 1872, to December, 1884, and was furnished Sergeant Barwick by Mr. L. Aultenreith, of Yreka. The record is from the rain gauge of the C. P. R. R. Co. The record shows the monthly annual and seasonal rainfalls, the averages for each month during a period of twelve and thirteen years; also, the average for twelve seasons:

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total for Year	Season of	Total for Season
1872				.24	.44	none	.14	none	.25	1.55	1.43	3.72			
1873	1.28	1.77	.40	.90	.60	none	none	none	.44	.55	1.17	2.20	9.31	1872-73	11.90
1874	3.78	1.62	1.49	.74	.34	.44	none	none	none	1.29	2.16	none	11.86	1873-74	12.77
1875	4.35	.19	1.23	.17	.51	.30	.07	none	none	3.34	5.29	6.07	21.52	1874-75	10.27
1876	2.00	1.93	2.07	.42	.65	.20	.32	.19	.90	3.05	.43	.26	12.42	1875-76	22 48
1877	1.20	3.24	1.48	.74	1.56	.65	.18	none	none	.20	3.64	.95	13.84	1876-77	13.69
1878	6 12	3.91	2.80	.37	.56	none	.35	.40	.45	.25	1.15	.45	16.81	1877-78	19.30
1879	1.53	1.41	3.96	1.56	1.42	.39	.22	15	none	.77	2.32	7.23	20.96	1878-79	12.94
1880	2.43	.61	1.20	2.23	.41	none	.15	none	none	.13	.10	2.42	9.68	1879-80	17.35
1881	11.78	2.58	.19	.48	none	1.65	.59	.26	.30	3.24	.68	1.60	23.35	1880-81	20.18
1882	1.81	1.96	.42	1.20	1.02	none	none	none	.90	1.88	1.89	2.09	13.17	1881-82	12.23
1883	1.38	.47	.53	1.26	1.76	none	.33	.25	.33	1.35	.66	2.95	11.27	1882-83	12.74
1884	2 10	1.20	2.44	1.41	1.40	1.78	1.33	.51	.33	none	.79	6.19	29.48	1883-84	17.46
Totals	39.76	20.89	18.21	11.72	10.67	5.41	3.68	1.76	3.90	17.60	21.71	36.13	183.67		183.31
Av'ges	3.313	1.741	1.518	.901	.821	.416	.283	.135	.300	1.354	1.670	2.779	15.306		15.276

SCOTT VALLEY, SISKIYOU COUNTY.

The rainfall for Scott Valley, Siskiyou County, was tabulated from data furnished by Mr. C. H. Pyle, Yreka; the observations having been taken by Mr. Isaac Letcomb, of Scott Valley. This table is val-

uable for the length of time it extends back. The observations began in August, 1859, and run to December, 1884, without a break or any missing data therefrom:

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total for Year	Season of	Total for Season
1859								.50	.87	1.00	4.33	.75		1859-60	20.28
1860	2.59	1.25	4.12	.75	2.00	.50	1.62	.21	.49	2.22	2.00	5.74	23.52	1860-61	20.65
1861	1.12	2.50	2.50	3.00	.54	.30	none	none	none	.51	11.56	10.63	32.66	1861-62	40.96
1862	9.20	3.75	1.32	2.00	1.00	.80	.10	none	.02	.15	.12	1.90	20.45	1862-63	15.72
1863	4.75	1.75	2.45	2.00	.40	1.93	.25	.09	.40	.25	1.85	6.17	22.29	1863-64	15.60
1864	2.07	.43	.82	2.70	.51	.31	none	.63	.04	.31	6.00	12.75	26.57	1864-65	26.77
1865	1.87	2.40	1.30	.32	.05	.75	.35	.02	1.15	1.33	9.79	1.21	20.51	1865-66	35.65
1866	6.59	3.50	9.20	.02	1.72	.62	.50	.47	none	.08	2.51	11.75	36.96	1866-67	28.38
1867	9.12	2.02	.64	1.34	.44	.01	none	.26	.40	.88	1.75	9.68	26.54	1867-68	23.61
1868	3.06	1.50	3.70	1.14	.18	1.06	none	none	.06	.50	.77	2.80	14.77	1868-69	18.29
1869	5.76	1.13	1.32	3.61	1.52	.69	.13	none	1.00	.01	3.04	3.56	21.77	1869-70	19.87
1870	5.00	2.94	1.73	1.37	1.12	.13	none	none	.01	.02	1.00	3.50	16.79	1870-71	13.91
1871	1.86	2.47	1.62	2.27	.55	.26	.35	none	.37	.05	1.62	7.68	19.10	1871-72	22.87
1872	4.18	6.94	1.40	.34	.25	.03	.01	.01	.41	.16	2.67	3.38	19.78	1872-73	13.84
1873	1.33	3.00	1.05	1.50	.27	.03	.03	.05	.37	.94	1.71	4.49	14.77	1873-74	21.79
1874	6.38	1.80	3.65	1.55	.71	.13	.01	.09	none	1.55	4.33	.43	20.63	1874-75	13.09
1875	3.13	.17	1.79	.35	.75	.12	.38	.05	none	4.45	7.31	7.33	25.83	1875-76	31.09
1876	2.26	3 33	3.94	.71	1 19	.18	.34	1.00	1.02	3.75	.54	.01	18.27	1876-77	18.90
1877	1.71	4 23	3.10	1.23	1.48	.71	.12	.02	.01	.45	.67	1.62	15.35	1877-78	23.36
1878	9.72	6.53	3.74	.27	.20	.12	.01	.06	.36	2.81	2.16	1.14	27.12	1878-79	26.42
1879	3.25	3.54	8.39	2.66	1.40	.27	.38	.47	.11	.81	4.64	4.58	30.50	1879-80	33.30
1880	10.62	2.32	2.65	5.39	1.32	.02	.37	.07	none	.18	.32	6.76	30.02	1880-81	31.56
1881	13.95	6.53	.79	1.19	.17	1.04	.54	.04	.76	3.53	2.40	4.60	35.54	1881-82	30.03
1882	4.48	5.69	2.22	2.45	1.29	.08	2.49	none	1.44	2.86	2.72	3.75	29.47	1882-83	22.27
1883	2.58	1.51	1.11	3.25	2.65	none	.40	.63	.66	2.41	1.11	4.75	21.06	1883-84	27.63
1884	4.28	3.14	3.45	3 06	1.65	.87	1.62	.01	.60	1.04	.16	8.18	28.06		
Totals	120.95	74.34	68.00	44.47	23.36	10.96	10.00	4.71	10.55	32.25	77.08	129.14	598.36		595.84
Av'ges	4.838	2.974	2.720	1.779	.934	.438	.400	.181	.406	1.240	2.965	4 967	23.914		23.834

The following table shows the rainfall by seasons—that is, the months that are considered the rainy ones—beginning with September of one year and ending with August the next year, and makes a brief summary of the rainfall at twenty-two different points in this State, extending from San Diego to Siskiyou, and from San Francisco to Georgetown. The table begins with the Scott Valley Station, Siskiyou County, the records extending from the season of 1859–60 to that of 1883–4; Yreka, Siskiyou County, from 1872–3 to 1883–4; Weaverville, Trinity County, from 1871–2 to 1883–4; Reed's Camp and Dog Creek, on the upper Sacramento River, from 1880–81 to 1883–4; Red Bluff, Tehama County, from 1877–8 to 1883–4; Princeton, Colusa County, from 1875–6 to 1883–4; Colusa, Colusa County, from 1872–3 to 1883–4; West Butte, Sutter County, from 1879–80 to 1883–4; Marysville, Yuba County, from 1882–3 to 1883–4; Grass Valley, Nevada County, from 1872–3 to 1883–4; Georgetown, El Dorado County, from 1872–3 to 1883–4; Placerville, El Dorado County, for 1874–5, 1875–6, and from 1879–80 to 1883–4; Shingle Springs, El Dorado County, from 1849–50 to 1866–7; Folsom City, Sacramento County, from 1871–2 to 1883–4; Sacramento, Sacramento County, from 1849–50 to 1883–4; Oakland, Alameda County, from 1873–4 to 1883–4; San Francisco, San Francisco County, from 1849–50 to 1883–4; Salinas, Monterey County, from 1872–3 to 1883–4; Visalia, Tulare County, from 1877–8 to 1882–3; Los Angeles, Los Angeles County, from 1877–8 to 1883–4; San Diego, San Diego County, from 1871–2 to 1883–4; Poway, San Diego County, from 1879–80 to 1883–4:

Season of—	Scott Valley	Yreka	Weaverville	Reed's Camp.	Red Bluff	Princeton	Colusa	West Butte	Marysville	Grass Valley	Georgetown	Placerville	Shingle Springs	Folsom City	Sacramento	Oakland	San Francisco	Salinas	Visalia	Los Angeles	San Diego	Poway
1849–50													39.25		36.00		33.10					
1850–51													17.26		4.71		7.40					
1851–52													32.50		17.98		18.44					
1852–53													47.57		36.36		35.26					
1853–54													30.15		20.06		23.87					
1854–55													19.50		18.62		23.68					
1855–56													18.60		13 76		21.66					
1856–57													26.11		10.46		19.88					
1857–58													19.91		15.00		21.81					
1858–59													31.41		16.03		22.22					
1859–60	20.28												28.09		22.09		22.27					
1860–61	20.65												26.25		16.10		19.00					
1861–62	40.96												77.80		35.56		49.27					
1862–63	15.72												19.27		11.58		13.08					
1863–64	15.60												24.27		7.87		10.08					
1864–65	26.77												34.44		22.51		24.73					
1865–66	35.65												36.86		17.93		22.93					
1866–67	28.38												50.30		25.30		34.92					
1867–68	23.61														32.79		38.84					
1868–69	18.29														16.64		21.35					
1869–70	19.87														13.57		19.31					
1870–71	13.91														8.47		14.10					
1871–72	22.87		54.81											28.82	23.65		34.71				6.22	
1872–73	13.84	11.90	21.46				33.46			40.00	46.46			15.70	14.21		18 02	13.45			8.10	
1873–74	21.79	12.77	41.20				11.28			60.09	63.64			24.45	22.90	26.03	23.98	11.17			15.06	
1874–75	13.09	10.27	22.02				19.02			44.78	47.08	33.22		15.70	17.70	21.67	19.15	8.59			5.75	
1875–76	31.09	22.48	52.23			17.18	19.79			65.31	81.24	54.25		30.53	26 53	28.55	31.21	21.59			9.99	
1876–77	18.90	13.69	32.32			10.20	9.20			30.09	40.48			9.90	8.96	12.36	11.04	4.74			3.71	
1877–78	23.36	19.30	61.02		53 09	27.12	33.34			53.78	61.31			25 00	24.86	32.33	35.17	23.82	10.49	21.68	16.10	
1878–79	26.42	12.94	38.56		21.49	10.73	13.98			56.82	60.96			21.91	17.85	23.55	24.46	10.94	3.95	11.35	7.88	
1879–80	33.30	17.35	38.36		29.94	13.27	19.21	13.25		63.20	70.40	52 60		25.09	26.47	23.84	26.63	13.22	12.81	10.34	14.77	15.61
1880–81	31.56	20.18	50.00	95 46	28.90	15.54	16.96	12 20		57.46	65.82	48.04		25.91	26.57	31.34	29.86	14.07	11.70	13.13	9.26	10.43
1881–82	30.03	12.23	29.70	65.90	21 12	11.09	22.62	12.26		43.93	54.13	42.46		18.28	16.51	18.13	16.14	12.93	6.73	10.40	9.51	13.39
1882–83	22.27	12.74	31.55	55.27	18.58	12 05	11.66	12.44	20.12	40.70	45.94	36.56		22.32	18.11	20.22	20.12	11.79	8.17	12.03	4.92	8.47
1883–84	27.63	17.46	38.22	71.73	24.01	17.78	29.75	19.80	23.47	54.59	72.66	57.39		31.02	24.78	31.10	32.42	20.25		38.26	25.97	29.45
Totals	595.84	183.31	511.45	288.36	197.13	134.96	239.47	69.95	43.59	610.75	710.12	324.52	579.54	294.63	688.49	269.12	840.11	166.56	53.85	127.19	137.24	77.35
Averages	23.834	15.276	39.342	72.090	28.161	15.008	19.956	13.990	21.795	50.896	59.177	46.360	32.195	22.664	19 671	24.465	24.003	13.880	8.975	18.170	10.557	15.470

THE WEATHER.

DR. J. B. TREMBLEY ON THE METEOROLOGY OF OAKLAND.

Careful observations taken daily during the past year—Relative humidity—Barometrical pressure—Monthly meteorological synopsis—Synopsis of Oakland climate for nine years past—Table of comparative annual meteorology.

The following summary of the weather for 1884 was furnished Sergeant Barwick by Dr. Trembley, of Oakland:

Observations taken at 7 A. M., 2 P. M., and 9 P. M. of each day, by J. B. Trembley, M. D.; latitude, 37° 48′ 20″ north; longitude, 122° 15′ 20″ west; height of barometer above the sea, 24 feet.

BAROMETRICAL PRESSURE.

Table showing the mean, highest, and lowest monthly barometer; also, the monthly range. Barometer not corrected for elevation or temperature.

1884.	Mean Monthly Barometer.	Highest Observed Barometer for the Month.	Lowest Observed Barometer for the Month.	Range for the Month.
January	30.05	30.45	29.55	.90
February	30.00	30.36	29.36	1.00
March	29.88	30.20	29.50	.70
April	29.96	30.18	29.52	.66
May	29.93	30.05	29.78	.27
June	29.92	30.10	29.70	.40
July	29.88	30.04	29.82	.22
August	29.88	30.05	29.79	.26
September	29.96	30.05	29.70	.38
October	29.93	30.10	29.72	.38
November	29.99	30.10	29.72	.33
December	29.98	30.13	29.47	.66
Means	29.94	30.15	29.63	.51.33

BAROMETRICAL RECAPITULATION.

Mean barometer for the year	29.94
Maximum barometer for the year, January 1, 9 A. M.	30.45
Minimum barometer for the year, February 20, 2 P. M.	29.36
Highest monthly range for the year	1.00
Lowest monthly range for the year	.22
Yearly range	.88

TEMPERATURE.

Table showing the mean temperature of the months, warmest and coldest days; also, maximum and minimum temperature, the greatest and least daily variations, monthly and mean daily range.

1884.	Mean Temperature of the Month	Mean Temperature of Warmest Days	Mean Temperature of Coldest Days	Maximum Temperature	Minimum Temperature	Greatest Daily Variation	Least Daily Variation	Monthly Range of Temperature	Mean Daily Range of Temperature
January	47.04	53.33	41.66	60.00	31.00	26.00	2.00	29.00	11.64
February	48.33	57.66	36.00	73.00	28.00	26.00	1.00	45.00	12.65
March	53.17	59.66	45.33	67.00	38.00	23.00	1.00	29.00	10.77
April	54.27	59.66	47.33	70.00	43.00	20.00	1.00	27.00	11.30
May	59.33	64.66	56.00	81.00	48.00	29.00	5.00	33.00	11.90
June	60.80	63.33	57.66	73.00	54.00	17.00	4.00	19.00	7.50
July	63.40	72.66	59.33	88.00	55.00	27.00	4.00	33.00	13.74
August	61.47	66.00	59.00	78.00	54.00	20.00	5.00	24.00	11.22
September	59.40	65.33	56.66	76.00	47.00	26.00	6.00	29.00	12.76
October	56.42	62.64	52.66	75.00	41.00	28.00	3.00	34.00	13.00
November	55.41	60.33	51.00	70.00	42.00	30.00	5.00	25.00	13.16
December	51.25	59.00	41.33	63.00	30.00	21.00	1.00	33.00	9.64
Means	55.85	62.09	50.31	72.83	42.58	24.41	4.33	30.00	11.64

RECAPITULATION OF TEMPERATURE.

Mean temperature of the year	55.85
Mean temperature of the warmest day, July 10th	72.66
Mean temperature of the coldest day, February 11th	36.00
Maximum temperature for the year, July 10th, 2 P. M.	88.00
Minimum temperature for the year, February 12th, 7. A. M.	28.00
Greatest daily variation, November 4th	30.00
Least daily variation, March 9th	1.00
Greatest monthly range, February	45.00
Least monthly range, June	10.00
Average daily range for the year	11.64
Average monthly range for the year	30.00
Yearly range of temperature	60.00

SEASONS.

Mean temperature of Winter	47.38
Mean temperature of Spring	55.59
Mean temperature of Summer	61.89
Mean temperature of Autumn	57.07
Difference between the coldest and warmest of Spring months	6.16
Difference between the coldest and warmest of Summer months	2.60
Difference between the coldest and warmest of Autumn months	3.99
Difference between the coldest and warmest of Winter months	1.56
Difference between the coldest and warmest months of the year	16.63

RELATIVE HUMIDITY.

Table showing the relative humidity, precipitation, weather, and direction from which the wind blew, from January 1, 1884, to December 31, 1884, inclusive.

1884.	Mean Relative Humidity	Rainfall in Inches.	No. of Clear and Fair Days	No. Cloudy Days	No. Days in which Rain Fell	No. Foggy Mornings	No. of Mornings Overcast	No. Mornings Frost	Wind—1,098 Observations. S. W. & W.	N. W. & N.	N. E. & E.	S. E. & S.	Calms
January	83.82	3.81	18	13	9	6	0	12	12	17	17	13	34
February	84.5	5.25	19	10	10	2	2	8	17	10	21	10	29
March	83.89	8.59	20	11	16	1	1	3	36	12	4	18	23
April	83.84	5.79	21	9	10	0	3	0	31	15	0	19	25
May	82.56	.55	24	7	5	0	5	0	47	10	2	8	26
June	88.42	3.03	16	14	10	0	10	0	43	4	1	11	31
July	85.24	.00	26	5	2	0	14	0	52	4	0	10	27
August	87.23	.25	25	6	1	1	21	0	46	14	0	12	21
September	86.09	.35	25	5	2	2	10	0	38	10	2	14	26
October	86.93	2.80	23	8	4	5	5	0	20	13	3	6	51
November	90.60	.05	26	4	3	1	5	5	20	7	3	8	52
December	81.17	7.73	17	14	13	1	1	10	20	12	9	22	30
Means & sums	35.39	38.20	260	106	85	19	77	38	382	128	62	151	375

RECAPITULATION OF RELATIVE HUMIDITY FOR THE YEAR 1884.

Mean relative humidity for the year	85.39
Highest relative humidity during the year	100.00
Lowest relative humidity during the year, December 8th, 2 P. M.	38.1
Greatest variation of humidity in twenty-four hours, September 27th	41.00
Least variation of humidity in twenty-four hours, December 23d	.3
Rainfall in inches during the calendar year	38.20
Rainfall in inches during the agricultural year—1883-84	31.10
Rainfall in inches since July 1, 1884 (Bay Nursery)	11.18
Number of clear and fair days	260
Number of cloudy days	106
Number of days in which rain fell	85
Number of foggy mornings	19
Number of mornings overcast	77
Number of mornings that frost was seen	38
Wind, direction from southwest and west	382
Wind, direction from northwest and north	128
Wind, direction from northeast and east	62
Wind, direction from southeast and south	151
Calms	375

The following will more particularly illustrate the climate of Oakland for the nine past years, as it regards the equability of seasons and the difference between the warmest and coldest:

Years.	Spring.	Summer.	Autumn.	Winter.	Difference.
1876	54.46	60.40	57.75	48.20	12.20
1877	55.18	61.17	57.67	50.39	10.78
1878	55.73	59.36	56.92	59.12	9.24
1879	56.16	60.07	56.73	49.57	10.50
1880	52.97	58.95	55.86	45.38	13.57
1881	56.35	60.27	54.78	51.10	9.17
1882	54.12	60.06	56.44	46.80	13.26
1883	54.63	61.16	54.25	46.20	19.26
1884	55.59	61.89	57.07	47.38	14.51
Means	55.02	60.67	56.38	48.35	12.37

Difference between the warmest and coldest means of the seasons for nine years, is 12.37.

MONTHLY METEOROLOGICAL SYNOPSIS FOR THE YEAR 1884.

January—Was a wintry month for this climate; chilly, cold, frosty mornings, with frequent storms of rain and hard showers. The usual phenomena attending changeable weather were very marked and extremes reached. The casual phenomena, more particularly marked, was the appearance of the "Pon's Comet," which had been so long looked for, was plainly seen on the evening of the fourteenth, in the southwestern horizon, at an altitude of about forty degrees. Astronomical science had predicted the return of this comet in January, 1884, after an absence of a little more than threescore years and ten. It making its appearance as predicted was surely a triumph of science, and a great gratification to its votaries. As seen in Oakland, it appeared to the eye like a star of the second magnitude, indefinitely luminous. The tail looked several degrees in length, pointing towards the zenith, wider than the nucleus, seemingly made up of parallel rays, the center rays the longest, terminating in a sharp feathery point. Luminous sun-risings and sun-settings were quite frequent, and a number of them were gorgeous to behold. They were more brilliant after the cold frosty weather began to abate, and the barometer was marking very high in its readings; especially when the atmosphere was warming up a few days previous to the heavy rains that occurred from the twenty-fifth to the end of the month.

February—Like the preceding month, was decidedly wintry. On the seventh a light fall of sleet and snow fell at 3 o'clock A. M., which covered the foothills white with snow, and a few following days and nights were the coldest of Winter; mud froze in the streets sufficiently strong to hold up buggies and their occupants as they rode over this very unusual condition of the streets; water-pipes in some localities froze and bursted. On the twelfth and thirteenth in shady places it froze all day; ice formed in shallow pools of water one inch in thickness; a gale of wind prevailed from the northeast, filling the air with dust, sand, and a disagreeable chilliness piercing and biting to those who were compelled to be out of doors. Rain began on the fourteenth, which modified the temperature of the atmosphere, and on the fifteenth the rain fell in very hard showers, with a barometer reading of 29.36. Luminous sunsets were seen a number of times during the extreme cold weather, and preceding the high winds and storms.

March—Very rainy all the month; showers or light rain nearly every day. On the twenty-fifth very hard showers early A. M., showery all day; at 4:45 o'clock P. M., quite a severe earthquake occurred, vibration from northeast to southwest; buildings trembled, windows and crockery rattled in some localities. At 9:25 o'clock P. M. a vivid flash of lightning came, followed in quick succession with a loud peal of thunder; rain and hail fell for a few minutes very hard; some telegraph poles in the city were struck by lightning, split from top to bottom and broken off; the City Hall fire-bell was rung by the electric fluid, as it played with the wires of the Fire Department.

April—A pleasant month, with a large rainfall and growing weather. An earthquake occurred on the seventeenth, at 9:40 o'clock P. M.; a low rumbling noise accompanied it, and a sudden jog from the northwest towards the southeast; no perceptible vibration was noticed. Another light shock of an earthquake occurred at 11:30 o'clock A. M. on the twentieth; no vibration.

May—Was very pleasant; light showers of rain occurred at different intervals. On the seventeenth through the day there were strong indications of a storm or shower of rain; in the evening heat lightning flashed and lighted up the northern and northwestern horizon for an hour or more with electrical flashes. At 9:30 o'clock P. M. quite a hard thunder shower prevailed. Rain fell so as to form pools of water which ran off in the street gutters. The storm resembled an eastern thunder shower for a short time, more than had been observed in Oakland during the whole period of observations—eight years. Lightning played and darted in every direction, low thunder muttered incessantly in the distance, and rain fell in great drops at each electrical discharge.

June—The month will long be remembered among meteorologists as one very interesting in the various meteorological phenomena manifested. On the third, from 10 A. M. to 1 P. M., one of the most brilliant and well defined solar halos that is seldom seen, was observed. It was one of twenty-two degrees in diameter, giving out the prismatic colors very bright and clear; the inner edge of the halo was red, and the colors, as they extended to the outer edge, was of the color of a well defined rainbow; inside of this circle there seemed to be no light from the sun; the whole inner portion was dark up to the sun's disc, which shown or passed some rays of light, as often seen during a thick haze in the western horizon at sunset. Outside of this circle, the light of the sun was greatly obscured, fading from the bright orange color of the outer ring of the halo, into a dark pea-green or olive color, which extended over the whole visible horizon, giving a shadowy appearance to all terrestrial objects, similar to that which prevails at a total eclipse of the sun. At 1:30 o'clock P. M., a strong wind blew from the west, which dissipated the icy particles high up in the atmosphere, and with it the halo disappeared. This remarkable halo prognosticated the weather for the following ten days, and as was said at the time of observing it: that the violence of wind and storms which it indicated, foretold such another as this State or locality had not experienced for many years. The result of the forecasting was well vindicated—as all that remember the storms of June, 1884, will attest. In the agricultural portions of the State the early mown hay was much injured, and a great portion destroyed for use. Early fruits were also injured, but later ones were correspondingly benefited, as well as late sown grain.

July—No unusual weather prevailed—the month was pleasant.

August—On the fourth a light shower of rain fell at five o'clock A. M., continuing with a drizzling rain until 1:30 o'clock P. M. The amount of rain which fell was the first that had fallen in Oakland, that was susceptible to measurement, during the month of August, in eleven years. This rain extended in showers to the valleys lying to the westward of the Diablo range of foothills and mountains. With exception of rather more high overcasts in the mornings than was usual, the month was quite pleasant.

September—A general storm prevailed over the whole northern and middle portions of the State in showers and drizzling rain. On the seventh and eighth, overcast quite frequent; weather pleasant. The month ending on the thirtieth with a solar halo from 8 to 9 A. M., a gale of wind 12:30 P. M., and a light shower 3 P. M. Evening, clear, cool, wind northwest.

October—On the twelfth, thirteenth, and fourteenth, a rain storm

prevailed, with greater or less violence, over the whole agricultural area of the State. The storm injured some varieties of the grape crop very much, otherwise no injury was done.

November—Rather a pleasant month; no unusual meteorological phenomena; very light, drizzling rain and mists occurred several times with a few frosty mornings towards the last.

December—Was a regular Winter month for this State; frosty mornings; low and high fogs; high winds and gales; severe and continuous rain storms for days in duration. On the twenty-fifth low rumbling sounds of thunder were heard several times. Luminous and gorgeous sunsets and sunrisings were observed several evenings, and that which occurred on the morning of the fifteenth was grand indeed; the whole horizon was lighted up with a reddened glow, tinting every cloud with etherial paint.

TABLE SHOWING THE COMPARATITE ANNUAL METEOROLOGY OF 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, AND 1884.

	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.
Mean temperature of the year	55.09	56.29	55.28	55.11	53.69	55.62	54.49	51.66	55.85
Mean temperature of warmest day	74.00	76.00	69.33	75.33	70.66	70.00	69.33	84.66	72.66
Mean temperature of coldest day	36.00	41.63	37.00	33.66	41.00	42.00	35.00	32.33	36.00
Maximum temperature for the year	97.00	96.00	84.00	93.00	89.00	87.00	84.00	103.00	88.00
Minimum temperature for the year	30.00	30 00	27.00	27.00	29.00	31.00	30.00	25.00	28.00
Greatest daily variation of temperature	33.00	38.00	33.00	46.00	36.00	35 00	11.00	38.00	30.00
Least daily variation of temperature	2.00	1.00	2.00	------	1.00	1.00	1.00	1.00	1.00
Greatest monthly range of temperature	49.00	47.00	46.00	46.00	48.00	40.00	42.00	50.00	45.00
Least monthly range of temperature	19.00	25.00	23.00	30.00	28.00	21.00	19.00	29.00	19.00
Average daily range of temperature for year	14.94	14.61	13.65	12.96	14.10	13.40	12.80	12.81	11.64
Average monthly range of temperature for year	34.92	35.5	32.5	38.00	34.91	32.00	31.16	37.58	30.00
Yearly range of temperature	67.00	66.00	57.00	66 00	60.00	56.00	54.00	65.00	60.00
Mean relative humidity for year	83.00	83.11	84.71	85.29	83.70	83.25	82.57	83.71	85.39
Highest relative humidity for year	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Lowest relative humidity for year	40.00	34.40	38.60	39.00	27.00	29.00	28.7	33.9	38.1
Greatest variation humidity in 24 hours	49 09	51.20	45.06	58.00	54.40	37.40	65.7	48.8	31.00
Least variation humidity in 24 hours	.06	.01	.02	.30	.20	.30	.4	.3	.3
Rainfall in inches during the year	21.56	11.09	31.71	28.91	28.07	26.07	18.87	15.76	38.20
Rainfall in inches in agricultural years from July 1, 1876, to July 1, 1884	28.53	12.33	32.32	23.55	23.84	31.24	18.03	20.22	31.10
Number of clear and fair days during year	268	301	255	266	258	276	276	266	260
Number of cloudy days during year	98	64	110	99	108	89	89	99	106
Number of days in which rain fell	63	58	78	89	53	67	72	53	85
Number of foggy mornings	23	8	17	19	27	28	15	21	19
Number of mornings overcast	51	44	64	63	86	52	77	105	77
Number of mornings that frost was seen	35	35	36	46	62	47	50	58	38
Wind, direction from S.W. and W.	342	364	311	355	346	402	345	428	382
Wind, direction from N W. and W.	210	150	173	150	136	136	150	119	128
Wind, direction from N.E. and N.	34	63	45	50	59	58	53	29	62
Wind, direction from S.E. and S.	163	150	164	126	172	138	143	91	151
Calms	340	368	402	372	385	331	404	438	375
Seasons.									
Mean temperature of Spring	54.46	55 18	55.73	56.15	52.97	56.35	54.12	54.63	55.59
Mean temperature of Summer	60.40	61.17	59.36	60.07	58.95	60.27	60.06	61.16	61.89
Mean temperature of Autumn	57.75	57.67	56.92	56.73	55.86	54 78	56.44	54.25	57.07
Mean temperature of Winter	48.20	50.39	50.12	47.60	45.38	51.10	46.80	46.20	47.38
Difference between the warmest and coldest months of Spring	4.40	1.49	3.68	.70	9.91	5.12	5.77	5.60	6.16
Difference between the warmest and coldest months of Summer	1.99	1.10	.35	1.26	1.88	1.55	1.13	2.78	2.60
Difference between the warmest and coldest months of Autumn	6.13	7.76	5.93	9.14	7.70	8.79	9.68	10.64	3.99
Difference between the warmest and coldest months of Winter	5.00	6.09	1.28	5.13	2.37	5.34	2.33	5.98	1.56
Difference between the warmest and coldest months of the year	16.20	15.25	13.06	15.68	15.78	12.38	14.77	19.26	16.38

FOR NINE YEARS.

Mean difference between the coldest and warmest months for nine years	19.67
Mean temperature for nine years	55.12
Mean barometer for nine years	29.94
Mean relative humidity for nine years	83.97
Mean annual rainfall in inches for nine years	24.45

MODIFYING CAUSES OF THE CLIMATE

ON THE

PACIFIC COAST OF THE UNITED STATES AND BRITISH COLUMBIA.

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It is said that every country in the world, to a greater or less extent, has a climate peculiar to itself. In many respects it may be similar to that of another, but not identical, for the various factors that go to make it are not always equally alike, or bring the same influences to bear on each individual region of the earth. It was once thought that climate depended mostly on latitude and the declination of the sun either north or south of the equator; but more recent observations show that many other causes which are independent of these modify temperatures and precipitation.

The western coast of Europe and North America are examples of similar climate, modified by the same corresponding causes, ocean and air currents. Without entering into an extended inquiry over the various portions of the world in comparing climatic factors, which would be uninteresting to a majority of readers and embrace more than is designed to be written in this paper; therefore, the knowledge, positive and theoretical, of the climatic conditions that are imposed upon the western slope of the Pacific Coast, bordering on the ocean, from Alaska towards the south, and the causes as far as observed, is all that would interest the local or general reader. The same general causes that modify the climate of Alaska, British Columbia, Oregon, and California, extending into Mexico, have long been known to meteorologists and those who have made physical geography a study. But the many local modifying influences that these great currents of water and air meet with, as they impinge upon the northwestern coast of the continent, by high mountain ranges, inland valleys, and solar heat, gives as various climates as the topography of the country is different where their influence is felt. The ocean current that modifies the climate of the Pacific Coast is a portion of the great equatorial current which is deflected northerly and easterly when it meets the eastern coast of Asia. This current, a portion of the warm equatorial current, as it flows toward the northwest, washing the eastern shores of China and Japan, takes the name of the Japan current, or Kuro-Siwo. At or near latitude 50° and longitude 170°, it divides; one portion, continuing northerly, passes through Behring Straits, the other south of the Aleutian Islands assumes the name of the Aleutian current. It advances eastward until it strikes the northwest coast of North America; then, turning acutely to the southeast, flowing along the western shore, until what is left is drawn into the great equatorial current at or near the Tropic of Cancer, again to make the circuit of nearly a quarter of a hemisphere. Various ele-

ments of this great current, when taken into consideration, that go to make it one of the physical constants in the formation of climate, seems as yet but partially understood. Its depth, width, velocity, and temperature have not been investigated as have some of the currents of the Atlantic Ocean. Professor Davidson, of San Francisco, seems to have been almost the only one who has given this subject any attention, with the exception of some casual observers, who have here and there made memoranda for their own curiosity. The professor starts with a maximum temperature of the Japan current of 88° Fahrenheit. At Alaska, 50.06°. Six to eight hundred miles west from San Francisco, 60.33°; one hundred miles west, 55.05°. At the tidal station at Fort Point the mean temperature for eight years was 55.66°, that of the air being 54.97°. The mean temperature of the ocean nine hundred miles west of San Francisco for one year was 60.52°, as found by the ocean steamers going and coming from Yokohama to San Francisco. This shows a difference of temperature to be in the water of the ocean current one hundred miles to the west and that at the tidal station on shore to be .61° less; at six to eight hundred miles 4.67° greater; at nine hundred miles, 4.86° greater or warmer.

The great ocean current in flowing from its origin to the coast of California has parted with 32.34° of heat; or, in other words, has lost, from the average temperature of the equatorial waters (78°), 22.34°, and leaves an average surface ocean temperature, to the distance of 900 miles west of California, of 57.89°. The temperature of the air along the coast, and the water, hardly ever rises more than two or three degrees, and the above figures show only 2.92° for the average difference in temperature of the water and air over a large area of the ocean contiguous to the Pacific Coast, and gives an explanation of the low temperature at the base of the atmospherical column that rests on the ocean's water. Also the great freedom from rain during the Summer months, when the westerly winds overcast and fogs prevail.

For the purpose designed by this paper, the above is all the information that can be obtained bearing upon the temperature of the ocean's water in the vicinity of this coast, with the exception of the counter or eddying current, said to have been discovered by Professor Davidson; who in describing the great stream that flows across the ocean, remarks that "a branch of this current continues direct to the Alexandrian Archipelago, and, striking the southern part of the coast, is deflected to the northward and westward," and calls it the warm Alaska current, which causes the high isothermal lines that exist directly on the Alaskan coast.

The great aerial air current that moves with the ocean stream, is the counter trade wind of the northern hemisphere, and seems to determine the character of the climate, almost wholly, of California. As it strikes this coast it is always the high current, and flowing from a westerly direction changing but very little the point of the compass at the same date of time in each year.

It oscillates from the south of west at one portion of the year to the north of west at another, moving from north to south with the declination of the sun, and then back again. During the Summer season it blows nearly from the west, and in the Winter, being acted on by the polar winds, is given a more northwesterly direction.

Physical geography has so well described the great systems of atmospherical currents that it is superfluous to enter into a description of all the winds, and the laws that produce them. Owing to solar heat,

and the diurnal motion of the earth, three distinct belts or systems of winds are produced. Easterly winds in the tropical zone, westerly winds in the temperate zone, and northerly or northwesterly in the higher latitudes. These zones of wind move bodily to and fro with the vertical rays of the sun, toward the north in Summer, and toward the south in the Winter. On the movement of these zones of water and air, rests the causes of the wet and dry seasons over the great area of country bordering on the western coast of the United States.

The most philosophical and scientific dissertation, perhaps, on this subject, for depth of research, long and patient labor, appertaining to the wind currents, climate of California and contiguous territory, was made by the late lamented B. B. Redding, and read before the Academy of Sciences in San Francisco, in January, 1878. His observations are as follows:

As California is within the northern temperate zone, it is primarily to the movement as a body north or south of this belt of wind that we are indebted for our dry Summers and Winter rains. Where, within the tropics, the northeastern and southeastern trade winds meet, is a region of calms and rains. This belt of calms and rains, as has been stated, moves northward and southward with the sun's declination. Where, within the temperate zone, the northern and northwesterly winds from the polar regions meet the westerly return trade winds, is a region of storms and rains. These belts also follow the sun's declination north and south. Applying these laws to this coast, at our midsummer the vertical sun would be on the Tropic of Cancer, and in that vicinity the northeasterly and southeasterly trade winds would meet, create ascending air, consequently calms. This air, laden with moisture, would rise into cooler regions, when a portion of its moisture would be precipitated, making tropical rains. This air would flow north and south, towards the poles. Confining our view to that portion which would flow toward the north pole, the larger part of it must descend to the earth within thirty degrees of latitude, under the law as stated by Professor Henry. As in going north it continuously has to pass over a portion of the earth which is moving less rapidly than the portion it has left, it is deflected and becomes a southwest wind. The greater portion of this upper current having descended to the earth within thirty degrees, and returned to join the trade wind, the remainder would flow towards the pole, portions descending in its course at all points where the rarification of the air near the earth's surface would permit. These descending currents cause the local variable winds of our temperate zone, but the aggregate of all of them is the prevailing westerly return trade wind. The descending currents cannot give rain, as they only fall to the earth when they become colder than the air near the earth's surface. In falling they are constantly arriving at places of warmer temperature than those they have left; they, therefore, change to a condition of taking up moisture, rather than of parting with it. *Where the great body of the descending return trade wind reaches the earth between latitudes twenty-eight degrees and thirty-five degrees, must, therefore, on this coast, be comparatively a rainless region.* Other lessening portions of the upper current would pass on until they met the prevailing northerly wind from the polar regions, when their temperature would be lowered and their moisture condensed and fall as rain. The conflict of this descending current with the polar wind would create storms and give rise to electrical phenomena. The prevailing northerly polar wind reaches to about latitude sixty degrees, varied by the declination of the sun.

This view of the causes of the tropical, temperate, and polar zones of prevailing winds, is in accordance with the theoretical deductions of Professor Ferrell concerning the course of atmospheric currents moving on a sphere, and appears to be confirmed by the belts of low barometer prevailing in the vicinities of the equator, and of latitude sixty degrees. The polar wind, being colder, is heavier than the return trade wind, and where they meet, the tendency is for this polar wind to become a surface wind, and prevent the upper current from reaching the earth until it has been reduced to the same temperature. The operation of these general laws can be more clearly seen on this coast than on that of the Atlantic and Gulf States. There, the northeast trade winds are forced into the great caldron of the Gulf of Mexico. The Cordilleras of Central and South America and Mexico form a wall against their progress; they rise, turn to the north as an upper current, and return to the earth as southwest winds.

The Rocky Mountains, one great chain of which extends from the center of the continent northwesterly to the Arctic Ocean, assist in the deflection. The great prairies extend in an unbroken line in the same direction from the mouth of the Mississippi, to the same frozen ocean at the mouth of the McKenzie River, in about latitude sixty-two degrees. Professor J. W. Foster, in his work on the "Physical Geography of the Mississippi Valley," states that the sources of the Mississippi River are but 1,600 feet above the ocean. Professor Coffin has shown from the records in the Smithsonian Institute, in his article on the "Winds of the Northern Hemisphere," that between latitudes sixty and sixty-six degrees there prevails a belt of easterly and northeasterly winds. These winds, coming from the Arctic Ocean, meet the great chain of the Rocky Mountains, are deflected into northwest winds, and pass unobstructed along this great stretch of prairie land into the States east of the Rocky Mountains. The conflict between the northwest

polar winds and the moisture laden southwest winds from the Gulf of Mexico, gives all the Atlantic States north of Florida their Summer rains. As far back as 1850, Professor Espy, in his second report on meteorology to the Secretary of the Navy, without, at that time, more than suspecting the cause, reported as the result of a long series of observations, that in the northern part of the Atlantic States the winds generally, in great storms, set in from north of east, and terminate from north of west, and in the southern part of the Atlantic States they set in from south of east and terminate from south of west.

It is doubtful if the Atlantic trade winds ever give rain to California. That portion which passes the mountains through the valley of the Rio Grande, precipitating its moisture on the White Mountains and Black Hills of Arizona, which, by the meteorological records of the Smithsonian Institute, are shown to have an annual average of twenty inches of rain.

That these general laws may be applied to California as the cause of our climate, I will assume to follow a given portion of air along well known points on the coast. At midsummer, at noon, the sun would be vertical in Southern California just north of Cape St. Lucas. In this vicinity, this portion of air, having been a part of the trade wind, would have become heated and saturated with moisture. It would rise until it met colder regions, when it would part with some of its moisture; a portion would return to the earth within thirty degrees, again to join the trade winds, and another portion pass on towards the north as a part of the great upper current. Under the operation of Professor Henry's law, the greater part must return to the earth between latitude thirty degrees and, say, latitude thirty-five degrees; the remainder would flow on towards the pole until it met the prevailing northwesterly winds; at these points there would be fogs and Summer rains. Whenever the polar wind forced its way south of this, it would condense the moisture of these descending return trade winds and give rain. This they would do until they had passed so far south that their temperature would be raised to that of the descending return trades, when, of course, no moisture could be precipitated. It is these polar winds, forcing themselves among the descending return trade winds, that give British Columbia, Washington Territory, and Northern Oregon their Summer showers. Should they force themselves further south, they, in their passage, have to pass into warmer latitudes; they would also meet the heat of our great valleys and deserts, and become as warm as our prevailing Summer wind, and, therefore, could not give California Summer rains.

But, from midsummer, the sun is for six months moving south, taking with him the great belts of winds of the tropical, temperate, and polar zones, until, at our midwinter, his rays are vertical just north of the northern part of Chile, in South America. These belts, moving south with the sun during six months, the region of conflict between the polar winds and the variable winds which in Summer was over British Columbia, Washington Territory, and Oregon, has now moved south over Oregon and the northern and middle part of California. The temperature of the earth's surface and the air in contact with it, have been lowered by the withdrawal of the sun's more direct rays, and the polar winds are permitted to reach further to the south without increasing their temperature. The region of calms and the southern limit of the variable winds have, of course, also moved south with the sun, beyond the Tropic of Cancer. At this season, in the Pacific, the trade wind is not usually found north of latitude thirteen degrees, when, in Winter, the descending return trade wind, coming from the southwest, meets the coast south of Cape St. Lucas, it is forced by the Cordilleras and the configuration of the main coast into the Gulf of California, and is deflected into a course from the southeast, or, to be more exact, as shown by the records kept by Dr. Gibbons, into a course from the south-southeast. Without doubt, the southwest return trade wind which strikes the coast of Lower California in Winter north of Cape St. Lucas, is deflected by the high mountains parallel to the shore, and also passes over our coast counties as a southeast wind. H. S. Warner, in a paper read before the American Association for the Advancement of Science at its Baltimore meeting in 1858, was the first to note the fact that the waters of the Gulf of California supply the moisture to the southeast wind that bears to us our rains. It may be objected that the Gulf of California has not sufficient area from whence could be delivered the great volume of southeast winds that, at times, during our Winters, flow over this State. The gulf is not the cause of this wind, but it is the channel through which it flows, and gives to it direction. When the sun is vertical on the coast of Bolivia, just north of Chile—at our midwinter—he has carried south with him the northeast trade winds, until, as has been stated, they do not prevail north of about latitude thirteen degrees. The region of calms, where the great body of the upper current returns to the earth again to join the trade winds, is, at this season, between latitudes thirteen and eighteen degrees. North of this region of calms, at this time, those portions of the upper current which pass further north, descend to the earth, under Professor Henry's law, as southwest winds. At latitude twenty degrees, the west coast of Mexico projects a bold headland into the Pacific Ocean, known as Cape Corrientes. South of the Cape the trend of the coast for nearly two thousand miles is east-southeast; north of this cape, the trend of the coast for more than one hundred miles, to Mazatlan, is north; from Mazatlan to the head of the Gulf of California, a further distance of six hundred miles, it is north-northwest. The Sonora arm of the Cordilleras rises above the table land of Mexico, at latitude twenty degrees, and runs north-northwest along the coast, nearly to the head of the Gulf of California. All of these southwest winds that strike the coast from Cape Corrientes north to Cape St. Lucas, are deflected by these mountains and forced up the Gulf as south-southeast winds. The United States Coast Survey have lately completed the survey of this gulf and parts of the Mexican coast north of Cape Corrientes. When their record of observations of the course of the prevailing winds in Winter, the barometric pressure and the temperature of the air and water is published, I feel

confident that it will be found that the southwest return trades prevail in Winter north of Cape Corrientes, and are turned by the mountains and the coast up the Gulf of California, and so over this State as our southeast winds. It comes from this gulf warm and laden with moisture, and passes over the Colorado and Mojave deserts. These deserts, as shown by the meteorological records of the Smithsonian Institute, have a mean Winter temperature of from forty-eight to fifty-six degrees. This is not sufficiently low to precipitate its moisture, and it passes on until it meets the Sierra Nevada and Coast Range. In ascending these it rises into cooler regions, finds a mean Winter temperature of forty degrees, and gives up some of its moisture. When it flows down into the southern end of the great valley of the Tulare, it meets a mean Winter temperature of forty-eight degrees, which is higher than that of the mountains it has just passed. It therefore retains its moisture and passes on, until it meets a cold polar wind, and has another portion of its moisture condensed in a rainstorm, or, failing to meet this, passing still further north, until its moisture is condensed by the prevailing low temperature of a higher latitude. It is of frequent occurrence in Winter that a gentle southeast wind will blow for days, giving no rain south of the latitude of San Francisco, but cloudy weather at the northern end of the Sacramento Valley, and light showers and rains from Red Bluff to Oregon. Therefore, the northern part of the State should receive more rain than the southern, and the mountains more than the valleys. The least rain should be in the hot deserts and on those sides of valleys most sheltered by mountains from the moisture-bearing winds.

Meteorological observations, taken since the writing of the above, fully confirm the assertion made respecting the rainfall, however phenomenal it may appear to be, and show, conclusively, that the precipitation in all the territory tributary to the influence of the above factors of climate, is subservient to meteorological laws, the same as in other parts of the world, differing only as the physical causes differ that produce the resultant effects. The average annual rainfall at Crescent City, in the extreme northern part of the State of California, is thirty-six inches, and diminishes about two inches for every degree of latitude towards the south, until, at San Diego, it is but ten inches. In altitude, it is found to increase about one inch for every one hundred feet in elevation in ascending the windward side of the Sierra Nevada range of mountains. Local causes have influences bearing upon the amount of rainfall in different localities, but they are nearly all topographical; and, when carefully studied, are easily explained, either for the small or great amount of average rainfall they receive.

TRANSACTIONS

OF THE

FIRST DISTRICT AGRICULTURAL ASSOCIATION

For the Year 1884,

Composed of the Counties of San Francisco, Alameda, and Contra Costa.

OFFICERS OF THE ASSOCIATION.

A. C. DIETZ ..... President.
L. WALKER ..... Secretary.
OAKLAND BANK OF SAVINGS ..... Treasurer.

DIRECTORS.

A. C. DIETZ ..... Oakland, Alameda County.
JAMES ADAMS ..... Oakland, Alameda County.
R. P. CLEMENT ..... Oakland, Alameda County.
C. N. CUSHING ..... Oakland, Alameda County.
J. C. SMITH ..... Oakland, Alameda County.
THOMAS EWING ..... Oakland, Alameda County.
JOHN B. WATSON ..... Oakland, Alameda County.
D. F. MAJORS ..... Concord, Contra Costa County.

REPORT.

OAKLAND, December 31, 1884.

To the honorable the State Board of Agriculture:

GENTLEMEN: The Directors of the First District Agricultural Association submit this, their report of the transactions of said Association, for the year ending this date.

L. WALKER, Secretary.

RECEIPTS AND EXPENDITURES.

Receipts.

Received from sale of annual membership tickets	$370 50	
Received from fines	5 00	
Received from sale of daily admission tickets	3,299 95	
Received from privileges	2,219 64	
Received from sweepstakes	76 00	
Received from State	2,000 00	
Cash on hand September 1, 1884	2,209 21	
		$10,180 30

Expenditures.

By amount paid trotting purses	$3,020 00	
By amount paid running purses	1,000 00	
By amount paid office expenses	268 80	
By amount paid advertising	1,146 24	
By amount paid park expenses	892 00	
By amount paid pacing purses	250 00	
By amount paid ladies' tournament	107 50	
By amount paid premiums	1,654 00	
By amount paid employés	884 75	
By amount paid National Trotting Association	106 00	
Balance, cash on hand	851 01	
		$10,180 30

EXHIBITS AND PREMIUMS AWARDED—1884.

FIRST DEPARTMENT.

Live Stock.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
CLASS I—THOROUGHBRED HORSES.				
Best stallion, three years old and over	J. C. Simpson	Oakland	Sir Thad	$30 00
Best thoroughbred mare, three years old	J. C. Simpson	Oakland	Lady Viva	$20 00
CLASS II—FAMILIES OTHER THAN THOROUGHBRED.				
Best dam, with not less than two of her colts	B. Boorman	San Pablo	Julia and five colts	$15 00
CLASS III—HORSES OF ALL WORK.				
Best stallion, three years old and over	W. H. Lee	Oakland	Henry Williamson	$20 00
Second best	J. J. Fairbanks	Oakland	Sotoyonne	$10 00
Stallion, three years old and over	B. Boorman	San Pablo	Young Spy	
Stallion, three years old and over	Irvin Ayers	Oakland	Alpheus	
Stallion, three years old and over	J. McM. Shafter	Olema	Prince of Marin	
Stallion, three years old and over	Isaac Jewell	Petaluma	Rawlin	
Best colt, under one year	B. Boorman	San Pablo	James G. Blaine	$5 00
Best mare, three years old and over	Ben. E. Harris	San Francisco	Frankie Eaton	$15 00
CLASS IV—ROADSTERS.				
Best stallion, four years old and over	H. A. Van Amringe	Oakland	Washington	$25 00
Second best	Ben. E. Harris	San Francisco	Adventure	$12 00
Stallion, four years old and over	J. H. Tennant	Pinole	Nutwood, Jr.	
Best stallion, three years old and over	J. H. Tennant	Pinole	Alert	$20 00
Best stallion, two years old and over	C. H. Bowers	Oakland	Waterford	$15 00
Second best	Sylvester Scott	Cloverdale	Ironclad, Jr.	$8 00
Best yearling	Ben. E. Harris	San Francisco	Sir Whipple	$10 00
Best suckling colt	Ben. E. Harris	San Francisco	Relief	$5 00
Suckling colt	J. C. Simpson	Oakland	Anteeo Viva	
Suckling colt	Charles Frank	Oakland	Abdallah Frank	

Best mare or gelding, four years old and over	J. H. Tennant	Pinole	Twinkle	$25 00
Second best	Irvin Ayers	Oakland	Gus Wilkes	$12 00
Mare or gelding, four years old and over	Ed. Younger	San José	Whisper	
Mare or gelding, four years old and over	J. H. Tennant	Pinole	Sobrante	
Mare or gelding, four years old and over	Charles Frank	Oakland	Trotty	
Mare or gelding, four years old and over	John Rogers	Martinez	Frank Madley	
Best mare or gelding, three years old	J. H. Tennant	Pinole	Pinole, Jr.	$10 00
Best mare or gelding, two years old	J. H. Tennant	Pinole	Parthena	$5 00
Best span of roadsters, matched (two or more to compete), owned and used by one person	Dr. Cowper	Los Angeles	Draper and Roscoe	$25 00
Second best	P. Pumyea	Oakland	Lew and Pete	$12 00
Span of roadsters, matched, owned by one person	S. A. Prentiss	Oakland	Dandy and Trusty	
CLASS V—DRAFT HORSES.				
Best stallion, three years old and over	E. R. Charles	Petaluma	Pointsman	$20 00
Second best	B. Boorman	San Pablo	Gladiator	$10 00
Best stallion, two years old	Tim. Keegan	Oakland	Napoleon	$15 00
Best stallion, one year old	B. Boorman	San Pablo	Sir Julian	$10 00
Best mare, three years old and over	B. Boorman	San Pablo	Clara Bell	$15 00
CLASS VI—CARRIAGE HORSES.				
Best span of carriage horses	Ben. E. Harris	San Francisco	Colonel and Elmo	$20 00
Second best	Moses Hopkins	San Francisco	Lucy and Mollie H	$10 00
Saddle horse of either sex, five years old	Ben. E. Harris	San Francisco	Swindle	
Best saddle horse of either sex, six years old	Ben. E. Harris	San Francisco	Leo	$10 00
Saddle horse of either sex, eight years old	Ben. E. Harris	San Francisco	Hector	
Saddle horse of either sex, four years old	Ben. E. Harris	San Francisco	Rose Templeton	
Saddle horse of either sex, eight years old	F. Lapham	Alameda	Daniel	
Saddle horse of either sex, seven years old	F. Lapham	Alameda	Pedro	
Second best saddle horse of either sex, six years old	F. Lapham	Alameda	Richard	$5 00
SWEEPSTAKES.				
Best stallion of any breed or age	L. J. Rose	Los Angeles	Sultan	$50 00
Second best stallion of any breed or age	Sabin Harris	Oakland	Orient	$20 00
Stallion of any breed or age	J. M. Learned	Stockton	Adrian	
CLASS VII—JACKS.				
Best jack, two years old and over	Sylvester Scott	Cloverdale	Black Hawk	$20 00
Best jennet, two years old and over	Sylvester Scott	Cloverdale	Fannie	$10 00
CLASS I—DURHAM CATTLE.				
Best bull, three years old or over	Coleman Younger	San José	Forest King	$25 00
Second best bull, three years old or over	Sylvester Scott	Cloverdale	Mazourka's Royal Oxford	$10 00

FIRST DEPARTMENT—Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
Bull, three years old or over	R. P. Saxe	New Zealand	Duke of Albany	
Best bull, two years old	Dr. A. Liliencrantz	Oakland	Spring	$20 00
Second best bull, two years old	Edward Younger	San José	Kirk Levington of Forest Ho.	$10 00
Best bull, one year old	Coleman Younger	San José	6th Forest King	$5 00
Bull, one year old	Edward Younger	San José	2d Kirk Levington Forest Ho.	
Bull, one year old	Edward Younger	San José	3d Kirk Levington Forest Ho.	
Bull, one year old	Edward Younger	San José	5th Kirk Levington Forest Ho.	
Bull, one year old	Sylvester Scott	Cloverdale	Duke of Oxford	
Best cow, three years old or over	Coleman Younger	San José	2d Nevada Belle	$20 00
Cow, three years old or over	Coleman Younger	San José	2d Rose of Forest Home	
Cow, three years old or over	Coleman Younger	San José	Jessie Maynard	
Cow, three years old or over	Sylvester Scott	Cloverdale	Alice Gray	
Second best cow, three years old or over	Sylvester Scott	Cloverdale	Lady Maynard	$10 00
Cow, three years old or over	Sylvester Scott	Cloverdale	Gem	
Cow, three years old or over	Edward Younger	San José	2d Red Dolly	
Cow, three years old or over	Edward Younger	San José	3d Oxford Rose	
Best cow, two years old or over	Coleman Younger	San José	14th Red Dolly	$15 00
Second best cow, two years old or over	Edward Younger	San José	10th Rose of Forest Home	$10 00
Cow, two years old or over	Edward Younger	San José	13th Red Dolly	
Best cow, one year old	Sylvester Scott	Cloverdale	Lady Oxford	$10 00
Cow, one year old	Coleman Younger	San José	12th Rose of Forest Home	
Cow, one year old	Coleman Younger	San Jose	14th Rose of Forest Home	
Cow, one year old	Coleman Younger	San José	15th Red Dolly	
Cow, one year old	Coleman Younger	San José	4th Oxford Rose	
Cow, one year old	Sylvester Scott	Cloverdale	Ellen	
Best heifer calf, under one year old	Coleman Younger	San José	7th Sprightly	$5 00
Heifer calf, under one year old	Coleman Younger	San José	17th Rose of Forest Home	
Heifer calf, under one year old	Coleman Younger	San José	2d Forest Rose	
Heifer calf, under one year old	Sylvester Scott	Cloverdale	Belle of Oxford	
Heifer calf, under one year old	Sylvester Scott	Cloverdale	Oxford Belle	
Heifer calf, under one year old	Sylvester Scott	Cloverdale	Alice	
CLASS II—AYRSHIRES.				
Best bull, three years old and over	George Bement	Redwood City	Archie	$25 00
Second best bull, three years old and over	George Bement	Redwood City	Melancthon	$10 00
Best bull, two years old	George Bement	Redwood City	Hector	$20 00
Best bull, one year old	George Bement	Redwood City	San Mateo	$10 00
Best calf, under one year old	George Bement	Redwood City	Clipper	$5 00

Best cow, three years old and over	George Bement	Redwood City	Highland Mary	$20 00
Second best cow, three years old and over	George Bement	Redwood City	Lady Faxson	$10 00
Cow, three years old and over	George Bement	Redwood City	Elaine	
Cow, three years old and over	George Bement	Redwood City	Nydia 2d	
Best cow, two years old	George Bement	Redwood City	Sybil	$15 00
Best cow, one year old	George Bement	Redwood City	Marian	$10 00
Best heifer calf, under one year	George Bement	Redwood City	Sybille	$5 00
CLASS III—JERSEY OR ALDERNEY, AND GUERNSEY.				
Best bull, three years old and over	W. D. Bliss	Petaluma	William of Scituate (Jersey)	$25 00
Best bull, two years old	Thomas Ward	Oakland	William (Jersey)	$20 00
Second best bull, two years old	Jas. M. McCue	Marin County	La Hiras Boy	$10 00
Bull, two years old	C. L. Dietz	Oakland	Old Oakland (Jersey)	
Best bull, one year old	F. Delger	Oakland	Bismarck (Jersey)	$10 00
Second best bull, one year old	A. Martin	Oakland	John S (Jersey)	$5 00
Bull, one year old	Wm. Arps	Oakland	Modoc (Jersey)	
Best bull calf, under one year	Thomas Ward	Oakland	Oakland Chief (Jersey)	$5 00
Second best bull calf, under one year	Thomas Ward	Oakland	General Woickham (Jersey)	
Best cow, three years old and over	Thomas Ward	Oakland	Bonita (Jersey)	$20 00
Second best cow, three years old and over	A. Martin	Oakland	Flora 4th (Jersey)	$10 00
Cow, three years old and over	Thomas Ward	Oakland	Lady Woickham (Jersey)	
Cow, three years old and over	F. Delger	Oakland	Lady Jane (Jersey)	
Best cow, two years old	Thomas Ward	Oakland	Oakland Queen	$15 00
Second best cow, two years old	F. Delger	Oakland	Corday	$10 00
Cow, two years old	Thomas Ward	Oakland	Lucy 2d	
Cow, two years old	F. Delger	Oakland	Lizzie	
Best cow, one year old	Thomas Ward	Oakland	Lady Wilson (Jersey)	$10 00
Cow, one year old	Thomas Ward	Oakland	Jennie (Jersey)	
Best heifer calf, under one year	Thomas Ward	Oakland	Bonita 2d (Jersey)	$5 00
Heifer calf, under one year	Thomas Ward	Oakland	Lady Ward	
Heifer calf, under one year	Thomas Ward	Oakland	Maud	
CLASS IV—DEVONS, HEREFORDS, HOLSTEINS, AND HOLDERNESS (IN ONE CLASS).				
Best Hereford bull, one year old	Wm. Kohl	San Mateo	Count Tredegar	$10 00
Hereford bull, one year old	Wm. Kohl	San Mateo	Vanguard	
Hereford bull, one year old	R. P. Saxe	New Zealand	Horace 22d	
Hereford bull, one year old	R. P. Saxe	New Zealand	Horace 26th	
Hereford bull, one year old	R. P. Saxe	New Zealand	George 7th	
Best Hereford bull calf, under one year	Wm. Kohl	San Mateo	Duke of Normandy	$5 00
Best Hereford cow, three years old and over	Wm. Kohl	San Mateo	Violetta 2d	$20 00
Second best Hereford cow, three years old and over	Wm. Kohl	San Mateo	Tidy 10th	$10 00
Best Hereford cow, two years old	Wm. Kohl	San Mateo	Temptress 1st	$15 00

FIRST DEPARTMENT—Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
Second best Hereford cow, two years old	Wm. Kohl	San Mateo	Triumph Thena	$10 00
Hereford cow, two years old	Wm. Kohl	San Mateo	Violetta 3d	
Best Hereford heifer calf, under one year	Wm. Kohl	San Mateo	Mary 3d	$5 00
Hereford heifer calf, under one year	Wm. Kohl	San Mateo	Kate 1st	
Hereford heifer calf, under one year	Wm. Kohl	San Mateo	Queen of the Pacific	
Best Holstein bull, three years old and over	Mrs. E. D. Knott	La Honda	Anson	$25 00
Best Holstein bull, one year old	H. W. Meek	San Lorenzo	Juror	$10 00
Best Holstein bull calf, under one year old	Mrs. E. D. Knott	La Honda	Butler	$5 00
Holstein bull calf, under one year old	Mrs. E. D. Knott	La Honda	Blaine	
Holstein bull calf, under one year old	Mrs. E. D. Knott	La Honda	Logan	
Holstein bull calf, under one year old	H. W. Meek	San Lorenzo	Brutus	
Holstein bull calf, under one year old	H. W. Meek	San Lorenzo	Cassius	
Best Holstein cow, two years old	H. W. Meek	San Lorenzo	Lady Bertha	$15 00
Second best Holstein cow, two years old	H. W. Meek	San Lorenzo	Syracuse Maid	$10 00
Holstein cow, two years old	H. W. Meek	San Lorenzo	Aggie Millie	
Holstein cow, two years old	H. W. Meek	San Lorenzo	Aggie Lizzie	
Holstein cow, two years old	H. W. Meek	San Lorenzo	Rigoletto	
Best Holstein heifer calf, under one year old	H. W. Meek	San Lorenzo	Alameda Maid	$5 00
SWEEPSTAKES.				
CLASS I—DURHAMS, HOLSTEINS, HOLDERNESS, HEREFORDS, AND DEVONS.				
Best bull	Coleman Younger	San José	Forest King (Durham)	$40 00
Second best bull	Sylvester Scott	Cloverdale	Mazurka's Royal Oxford (Dur.)	$20 00
Bull	Ed. Younger	San José	Kirke Levington of Forest H. (Durham)	
Bull	R. P. Saxe	New Zealand	Duke of Albany (Durham)	
Bull	Wm. Kohl	San Mateo	Count Tredegar (Hereford)	
Bull	R. P. Saxe	New Zealand	Horace 26th (Hereford)	
Bull	Paige & Johnston	Los Angeles	Fred Douglass (Polled Angus)	
Best cow	Coleman Younger	San José	Jessie Maynard (Durham)	$30 00
Second best cow	Coleman Younger	San José	Nevada Belle (Durham)	$15 00
Cow	Wm. Kohl	San Mateo	Temptress 1st	
Cow	Wm. Kohl	San Mateo	Triumph Thena	
Cow	Paige & Johnston	Los Angeles	Miss Fyfe (Polled Angus)	
Cow	Paige & Johnston	Los Angeles	Young Favorite (Poll'd Angus)	

CLASS II—AYRSHIRES, JERSEYS OR ALDERNEYS, AND GUERNSEYS.				
Best bull	George Bement	Redwood City	Archie (Ayrshire)	$40 00
Second best bull	W. D. Bliss	Petaluma	William of Scituate (Jersey)	$20 00
Bull	George Bement	Redwood City	Melancthon (Ayrshire)	
Bull	Jas. M. McCue	Marin County	La Hiras Boy (Jersey)	
Best cow	Thomas Ward	Oakland	Bonita (Jersey)	$30 00
Second best cow	George Bement	Redwood City	Elaine (Ayrshire)	$15 00
Cow	A. Martin	Oakland	Flora 4th (Jersey)	
Cow	George Bement	Redwood City	Lady Faxson (Ayrshire)	
Cow	Thomas Ward	Oakland	Oakland Queen (Jersey)	
SPECIAL CLASS.				
Best exhibit of herd of Polled Angus cattle	Paige & Johnston	Los Angeles		Silver cup worth $75 00
HERDS.				
Best herd of thoroughbred Durham cattle, over two years old, to consist of one male and four females, owned by one person	Coleman Younger	San José	Bull, Forest King; and four cows, Nevada Belle, 2d Rose of Forest Home, Jessie Maynard, and 14th Red Dolly	$40 00
Herd of thoroughbred Durham cattle, over two years old, to consist of one male and four females, owned by one person	Ed. Younger	San José	Bull, Kirke Levington of Forest Home; and four cows, Red Dolly 2d, 3d Oxford Rose, 13th Red Dolly, and 10th Rose of Forest Home	
Herd of thoroughbred Durham cattle, under two years old, to consist of one male and four females, owned by one person	Coleman Younger	San José	Bull, 6th Forest King; and four cows, 4th Oxford Rose, 12th Rose of Forest Home, Red Dolly 15th, and 14th Rose of Forest Home	
Best herd of thoroughbred Jersey or Alderney cattle, over two years old, to consist of one male and four females, owned by one person	Thomas Ward	Oakland	Jersey bull, William; and four cows, Oakland Queen, Lucy 2d, Bonita, and Lady Woickham	$40 00
Herd of thoroughbred Jersey or Alderney cattle, under two years old, to consist of one male and four females, owned by one person	Thomas Ward	Oakland	Bull, Oakland Chief; and four cows, Maud, Lady Wilson, Jennie 1st, and Bonita 2d	
Best herd of Ayrshire cattle, of any age, to consist of one male and four females owned by one person	George Bement	Redwood City	Bull, Archie; and four cows, Elaine, Nydia 2d, Lady Faxon, and Highland Mary	$40 00

FIRST DEPARTMENT—Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
Best herd of thoroughbred Hereford, Holstein, or Holderness cattle, of any age, to consist of one male and four females, owned by one person	H. W. Meek	San Lorenzo	Holstein bull, Juror; and four cows, Lady Bertha, Aggie Lizzie, Aggie Millie, and Rigoletto	$20 00
Competing herd of Herefords of great excellence	William Kohl	San Mateo	Bull, Count Tredeger; and four cows, Violetta 2d, Temptress 1st, Triumph Thena, and Vallette 3d	
CLASS V—GRADED CATTLE—COWS.				
Best cow, three years old and over	Coleman Younger	San José	Widow	$20 00
Best cow, two years old	Thomas Ward	Oakland	Devon	$15 00
CLASS VII—SHEEP.				
Silesian, Cotswold, Leicestershire, Lincolnshire, or Southdown, in one class.				
Southdown ram	George Bement	Redwood City	Sonoma	
Best pen of Southdown ewes, not less than five, one year old and upward	George Bement	Redwood City		$7 50
Cotswold ram and pen of Cotswold ewes	Coleman Younger	San José	Early Morn	$10 00
SWEEPSTAKES—SHEEP.				
Best ram of any age or breed	Edward Younger	San José	Early Morn	$20 00
Second best ram of any age or breed	George Bement	Redwood City	Sonoma	$20 00
CLASS VIII—SWINE.				
Essex and Berkshire in one class.				
Essex	Tyler Beach	San José	Tarbox	$10 00
Essex	Tyler Beach	San José	Blonde	
Berkshire	B. D. Boswell	Ocean View	Sallie	
Best sow and pigs	B. D. Boswell	Ocean View		$10 00
Boar, sow, and six pigs	P. L. Earhart	Oakland		
Essex sow and pigs	P. L. Earhart	Oakland		$10 00
CLASS IX—POULTRY.				
Dark Brahmas	Thomas Ward	Oakland	Trio	$2 50
Langshans	Thomas Ward	Oakland	Trio	$2 50

Light Brahmas	P. L. Earhart	Oakland	Trio	$2 50
Claybournes	F. E. Fairbanks	Oakland	Trio	$2 50
Langshans	W. B. Hubbard	Oakland	Trio	$2 50
Black African Bantams	Nellie Deitz	Oakland	Trio	$2 50
Malay Game	Nellie Deitz	Oakland	Trio	$2 50
Black-breasted Game	Nellie Deitz	Oakland	Trio	$2 50
Buff Cochins	Nellie Deitz	Oakland	Trio	$2 50
Light Brahmas	Nellie Deitz	Oakland	Trio	$2 50
Plymouth Rocks	Thomas Ward	Oakland	Trio	$2 50
One pair White Holland turkeys	Nellie Deitz	Oakland		$2 50
One pair Bronze turkeys	Nellie Deitz	Oakland		$2 50
One pair Pekin ducks	Nellie Deitz	Oakland		$2 50
One trio Pekin ducks	W. B. Hubbard	Oakland		$2 50
One trio Rouen ducks	W. B. Hubbard	Oakland		$2 50
One pair Blue Games	W. B. Hubbard	Oakland		$2 50

SECOND DEPARTMENT.

Exhibitor.	P. O. Address.	Articles Exhibited.	Award.
CLASS I—AGRICULTURAL MACHINES.			
J. W. Fleming	Oakland	Fanning mill	$5 00
J. W. Fleming	Oakland	Seeder	
J. W. Fleming	Oakland	Binder	
J. W. Fleming	Oakland	One horse cultivator	$5 00
J. W. Fleming	Oakland	Chilled plow	
J. W. Fleming	Oakland	Three steel plows	
J. W. Fleming	Oakland	Sidehill plow	$5 00
J. W. Fleming	Oakland	Mower	$5 00
J. W. Fleming	Oakland	Combination mower and reaper	
J. W. Fleming	Oakland	Spring wagon	
J. W. Fleming	Oakland	Farm wagon	
J. W. Fleming	Oakland	Buggy	
J. W. Fleming	Oakland	Spring harrow	
J. W. Fleming	Oakland	Horse hoe	$5 00
J. W. Fleming	Oakland	Hay cutter	
J. W. Fleming	Oakland	Mowing machine knives	
J. W. Fleming	Oakland	Gang plow	$5 00
J. W. Fleming	Oakland	Sulky rakes.	

SPEED PROGRAMME.

MONDAY, SEPTEMBER 1, 1884.

RACE NO. 1—RUNNING.

For two-year olds. Purse, five hundred dollars. Three-quarter mile dash. First horse to receive two hundred and fifty dollars; second horse, one hundred and twenty-five dollars; third horse, seventy-five dollars; fourth horse, fifty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Cito, by Joe Hooker; dam, Too Soon	J. C. Simpson	Oakland.
No Name, by Thad Stevens; dam, Gypsy	William Boots	Milpitas.
Estill, by Norfolk; dam, Lady Jane	W. M. Murray	Sacramento.
Mischief, by Thad Stevens; dam, Katie Pease	James Mee	San Francisco.
Mamie D, by Wheatley; dam, by Lodi	G. Pacheco	Santa Rosa.

Position at Starting.	*Position at Close.*	
1. Mischief	Estill	1
2. Cito	Cito	2
3. No Name	Mischief	3
4. Estill	No Name	4

Time—1:17.

RACE NO. 2—RUNNING.

Free for all. Pardee purse, five hundred dollars. One mile and repeat. First horse to receive two hundred and fifty dollars; second horse, one hundred and twenty-five dollars; third horse, seventy-five dollars; fourth horse, fifty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Jou Jou, by Monday; dam, Plaything	W. Kelley	San Francisco.
Forest King, by Monday; dam, Abbie W	S. J. Jones	Portland.

Position at Starting.	*Position at Close.*		
1. Forest King	Forest King	1	1
2. Jou Jou	Jou Jou	2	2

Time—1:44¾; 1:47¼.

RACE NO. 3—TROTTING.

For all horses that have never beaten 2:22. Purse, eight hundred dollars. Mile heats, best three in five, to harness. First horse to receive four hundred dollars; second horse, two hundred dollars; third horse, one hundred and twenty dollars; fourth horse, eighty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Albert W, by Electioneer; dam, by John Nelson	A. Waldstein	San Francisco.
Arab, by Arthurton; dam, Lady Hamilton	E. M. Fry	San Francisco.
Allen Roy, by Patchen Vernon; dam, unknown	J. W. Donathan	San Francisco.
Manon, by Nutwood; dam, Abbie	J. A. Goldsmith	San Francisco.
Vanderlynn, by George M. Patchen, Jr.; dam, a Joseph mare	Pat. Farrell	San Francisco.

Position at Starting.	*Position at Close.*			
1. Manon	Manon	1	1	1
2. Vanderlynn	Albert W	3	2	2
3. Albert W	Vanderlynn	2	3	3

Time—2:24¾; 2:24; 2:22.

TUESDAY, SEPTEMBER 2, 1884.

RACE NO. 4—TROTTING.

For all four-year olds and under. Purse, six hundred dollars. Mile heats, best three in five, to harness. First horse to receive three hundred dollars; second horse, one hundred and fifty dollars; third horse, ninety dollars; fourth horse, sixty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Regina, by Electioneer	J. A. Goldsmith	San Francisco.
Center, by Sultan; dam, Bellevue Maid	H. McGregor	San Francisco.
Neluska, by Sultan; dam, Gretchen	L. J. Rose	San Gabriel.
Thapsin, by Berlin; dam, Lady Hubbard	W. F. Smith	Sacramento.

Position at Starting.	*Position at Close.*			
1. Neluska	Thapsin	1	1	1
2. Thapsin	Regina	3	2	2
3. Regina	Neluska	2	3	dis.

Time—2:31½; 2:31¾; 2:29.

RACE NO. 5—TROTTING.

For all horses that have never beaten three minutes. Purse, six hundred dollars. First horse to receive three hundred dollars; second horse, one hundred and fifty dollars; third horse, ninety dollars; fourth horse, sixty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Joe Arthurton, by Arthurton	J. A. Goldsmith	San Francisco.
Rob Roy, by General Benton; dam, Nettie	E. M. Fry	San Francisco.
Le Grange, by Sultan; dam, Georgiana	L. J. Rose	San Gabriel.
Blanche, by General McClellan; dam, by John Nelson	William Bihler	Petaluma.

Position at Starting.	*Position at Close.*					
1. Joe Arthurton	Joe Arthurton	2	3	1	1	1
2. Blanche	Le Grange	1	1	3	3	3
3. Le Grange	Blanche	3	2	2	2	2

Time—2:26½; 2:28; 2:29½; 2:34½; 2:30½.

WEDNESDAY, SEPTEMBER 3, 1884.

RACE NO. 6—RUNNING.

Free for all. Purse, five hundred dollars. Two-mile dash. First horse to receive three hundred dollars; second horse, one hundred and fifty dollars; third horse, fifty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Padre, by Thad Stevens; dam, Gypsy	William Boots	Milpitas.
Birdcatcher, by Spectre; dam, by Young Melbourne	C. Dorsey	Sacramento.
Jocko, by Cariboo; dam, Reply	M. M. Allen	San Francisco.
Garfield, by Langford; dam, by Lodi	G. Pacheco	Santa Rosa.
Balboa, by Norfolk; dam, Maggie Dale	Charles H. Thomas	San Diego.

Position at Starting.	*Position at Close.*	
1. Padre	Birdcatcher	1
2. Jocko	Jocko	2
3. Balboa	Garfield	3
4. Birdcatcher	Balboa	4
5. Garfield	Padre	5

Time—3:38½.

RACE NO. 7—RUNNING.

Open to all. Purse, five hundred dollars. Three-quarter mile and repeat. First horse to receive three hundred dollars; second horse, one hundred and fifty dollars; third horse, fifty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Stanislaus, by Imp. Partisan; dam, mother of Modoc	William Murray	Sacramento.
Forest King, by Monday; dam, Abbie W	S. J. Jones	Portland.
Aunt Betsy, by Hardwood; dam, Peggy Ringgold	James Adams	Los Angeles.

Position at Starting.	*Position at Close.*		
1. Forest King	Forest King	1	1
2. Stanislaus	Stanislaus	2	2
3. Aunt Betsy	Aunt Betsy	3	3

Time—1:16½; 1:17¼.

RACE NO. 8—TROTTING.

For all horses that have never beaten 2:30. Purse, eight hundred dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Marin, by Quinn's Patchen	Pat. Farrell	San Francisco.
Olivette, by Whipple's Hambletonian	A. C. Dietz	Oakland.
Anteeo, by Electioneer; dam, Columbine	I. De Turk	Santa Rosa.
Rarus, Jr.; unknown	Armstrong & Carrington	Salt Lake.
Adrian, by Reliance; dam, Adriana	James M. Learned	Stockton.
Johnny, by Auctioneer Johnny	William Bourke	Petaluma.
Adair, by Electioneer; dam, Addie Lee	W. F. Smith	Sacramento.

RACE NO. 8—Continued.

Position at Starting.	*Position at Close.*			
1. Olivette	Adair	1	1	1
2. Adrian	Olivette	3	3	2
3. Anteeo	Adrian	2	4	3
4. Adair	Anteeo	4	2	4

Time—2:29; 2:26; 2:27¾.

THURSDAY, SEPTEMBER 4, 1884.

RACE NO. 9—TROTTING.

For all three-year olds and under. Purse, six hundred dollars. Mile heats, best three in five. First horse to receive three hundred dollars; second horse, one hundred and fifty dollars; third horse, ninety dollars; fourth horse, sixty dollars.

Name and Pedigree of Horse	By Whom Entered.	P. O. Address.
Robert Lee, by Nutwood	Rancho del Paso	Sacramento.
Pope Leo, by Romeo; dam, by Crichton	Charles H. Thomas	San Diego.
Antevolo, by Electioneer; dam, Columbine	J. C. Simpson	Oakland.
Peyton, by Electioneer; dam, Miss Peyton	G. W. James	Sacramento.
Voucher, by Nephew; dam, by Vernon Patchen	G. W. Trahern	Stockton.
Nona Y, by Admiral; dam, Flora	A. A. Yeager	Suisun.
Kismet, by Sultan; dam, Saucebox	L. J. Rose	San Gabriel.

Position at Starting.	*Position at Close.*			
1. Robert Lee	Kismet	1	1	1
2. Kismet	Voucher	2	2	3
3. Pope Leo	Robert Lee	4	4	2
4. Voucher	Pope Leo	3	3	4

Time—2:36; 2:38¼; 2:36½.

RACE NO. 10—TROTTING.

For yearlings. Purse, two hundred and fifty dollars. Mile dash in harness. First horse to receive one hundred and fifty dollars; second horse, seventy-five dollars; third horse, twenty-five dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Bonanza, by Arthurton; dam, by John Nelson	A. Waldstein	San Francisco.
Senator, by Echo; dam, by Young Morrill	Rancho del Paso	Sacramento.
No Name, by Sultan; dam, by George Wilkes	L. J. Rose	San Gabriel.
Trovato, by Sterling; dam, Flaxtail	C. F. Taylor	Sacramento.
Transit, by Prompter; dam, Venus	M. Toomey	Sacramento.
Daphne, by Buccaneer; dam, Alma	A. C. Dietz	Oakland.

Position at Starting.	*Position at Close.*	
1. Bonanza	Transit	1
2. Trovato	Senator	2
3. Senator	Trovato	3
4. No Name	Daphne	4
5. Daphne	Bonanza	5
6. Transit	No Name	drawn.

Time—3:00½.

RACE NO. 11—PACING.

For all pacers (Corretto to wagon). Purse, five hundred dollars. Mile heats, best three in five. First horse to receive two hundred and fifty dollars; second horse, one hundred and twenty-five dollars; third horse, seventy-five dollars; fourth horse, fifty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Nevada, by General Reno; dam, Maysville Queen	W. B. Todhunter	Sacramento.
Johnny Wiegle; pedigree unknown	John Hicks	San Francisco.
Maud, by Bertrand Black Hawk; dam, by Hambletonian Chief	H. J. Agnew	San Francisco.
Sam Louis, by Echo	Frank Simpson	Oakland.

Position at Starting.	*Position at Close.*			
1. Sam Louis	Maud	1	1	1
2. Maud	Johnny Wiegle	2	2	2
3. Johnny Wiegle	Nevada	4	4	3
4. Nevada	Sam Louis	3	3	dis.

Time—2:27½; 2:26½; 2:31.

FRIDAY, SEPTEMBER 5, 1884.

RACE NO. 12—TROTTING.

For all horses that have never beaten 2:35. Purse, eight hundred dollars. Mile heats, best three in five, to harness. First horse to receive four hundred dollars; second horse, two hundred dollars; third horse, one hundred and twenty dollars; fourth horse, eighty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Guy Wilkes, by George Wilkes; dam, by Mambrino Patchen	J. A. Goldsmith	San Francisco.
James H; pedigree unknown	George W. Bayliss	San Francisco.
Olivette, by Whipple's Hambletonian; dam, Belle	A. C. Dietz	Oakland.
Kitty Almont, by Tilton Almont; dam, Gracie	James Corcoran	San Francisco.
Rarus, Jr.; pedigree unknown	Armstrong & Carrington	Salt Lake.
Colonel Hawkins; pedigree unknown	J. D. Young	Sacramento.

Position at Starting.	*Position at Close.*			
1. Colonel Hawkins	Guy Wilkes	1	1	1
2. Olivette	Olivette	2	2	2
3. Guy Wilkes	Colonel Hawkins	3	3	3

Time—2:24; 2:25¾; 2:26½.

RACE NO. 13—TROTTING.

For all two-year olds. Purse, four hundred dollars. Mile heats, best two in three, in harness. First horse to receive two hundred dollars; second horse, one hundred dollars; third horse, sixty dollars; fourth horse, forty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Lohengrin, by Echo; dam, by George M. Patchen	Rancho del Paso	Sacramento.
Stamboul, by Sultan; dam, by Hambletonian	L. J. Rose	San Gabriel.

Position at Starting.	*Position at Close.*		
1. Stamboul	Lohengrin	1	1
2. Lohengrin	Stamboul	2	2

Time—2:41; 2:40.

RACE NO. 14—TROTTING.

For all horses that have never beaten 2:26. Purse, eight hundred dollars. Mile heats, best three in five, to harness. First horse to receive four hundred dollars; second horse, two hundred dollars; third horse, one hundred and twenty dollars; fourth horse, eighty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Sister, by Admiral	J. A. Goldsmith	San Francisco.
Tump Winston, by Primus; dam, Lady Don	E. Downer	San Francisco.
Scandinavian, by Black Hawk-Morgan	Peter Johnson	San Francisco.
B B, by Bellfounder; dam, unknown	J. W. Donathan	San Francisco.

Position at Starting.	*Position at Close.*			
1. B B	Sister	1	3	1	1
2. Sister	B B	3	1	2	2
3. Tump Winston	Tump Winston	2	2	3	3
4. Scandinavian	Scandinavian	dis.			

Time—2:23; 2:26½; 2:22½; 2:25.

SATURDAY, SEPTEMBER 6, 1884.

RACE NO. 17—TROTTING.

Open to all (Director barred and Willie R to wagon). Purse, one thousand dollars. Mile heats, best three in five. First horse to receive five hundred dollars; second horse, two hundred and fifty dollars; third horse, one hundred and fifty dollars; fourth horse, one hundred dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Brigadier, by Happy Medium; dam, Lady Turner	J. B. McDonald	Marysville.
Albert W, by Electioneer; dam, by John Nelson	A. Waldstein	San Francisco.
Manon, by Nutwood; dam, Abbie	J. A. Goldsmith	San Francisco.
Vanderlynn, by George M. Patchen; dam, Joseph mare	Pat. Farrell	San Francisco.

Position at Starting.	*Position at Close.*			
1. Vanderlynn	Manon	1	1	1
2. Manon	Brigadier	4	2	2
3. Brigadier	Vanderlynn	2	3	3
4. Albert W	Albert W	3	4	4

Time—2:22; 2:24½; 2:22¾.

RACE NO. 18—TROTTING.

Special for named horses. Purse, five hundred dollars. Mile heats, best three in five, to harness. First horse to receive two hundred and fifty dollars; second horse, one hundred and twenty-five dollars; third horse, seventy-five dollars; fourth horse, fifty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Oscar, by General McClellan	Parker	San Francisco.
Sorrel Ben, by Stockbridge Chief	Tom Beggs	Petaluma.
Nighttime, by Rustic; dam, Patchen mare	Lee Shaner	San Francisco.
Cleveland, by General McClellan	Clausen	San Francisco.
Twinkle, by Echo	J. H. Tennant	Pinole.
Volkin, by Bull Pup	Creely	San Francisco.

RACE No. 18—Continued.

Position at Starting.	*Position at Close.*					
1. Twinkle	Twinkle	2	1	0	1	1
2. Oscar	Cleveland	1	2	0	2	3
3. Volkin	Nighttime	3	3	4	4	2
4. Sorrel Ben	Sorrel Ben	4	4	3	3	4
5. Nighttime	Volkin	5	6	dis.		
6. Cleveland	Oscar	6	5	dis.		

Time—2:32¼; 2:36; 2:33; 2:38½; 2:36½.

TRANSACTIONS

OF THE

SECOND DISTRICT AGRICULTURAL ASSOCIATION

For the Year ending December 8, 1884,

Composed of the Counties of San Joaquin, Calaveras, Tuolumne, Stanislaus, Merced, Mariposa, Fresno, Tulare, and Kern.

OFFICERS OF THE ASSOCIATION FOR 1885.

L. U. SHIPPEE ..... President.
J. M. LaRUE ..... Secretary.
A. W. SIMPSON ..... Treasurer.

DIRECTORS.

FRED. ARNOLD ..... Stockton.
JAMES A. LOUTTIT ..... Stockton.
JOHN E. MOORE ..... Stockton.
JOHN H. O'BRIEN ..... Stockton.
R. W. RUSSELL ..... Stockton.
R. C. SARGENT ..... Woodbridge.
JAMES A. SHEPHERD ..... Lathrop.
L. U. SHIPPEE ..... Stockton.

CORRESPONDING MEMBERS FOR 1884.

Calaveras County.—T. J. Matteson, of Murphys; H. A. Messenger, of Campo Seco.

Stanislaus County.—F. H. Ross, of Modesto; A. Beith, of Oakdale.

Mariposa County.—Daniel Wagner, of Coulterville; G. G. Goucher, of Mariposa.

Merced County.—J. W. Bost, of Merced; J. J. Stevinson, of Hill's Ferry.

Fresno County.—A. B. Butler, of Fresno; H. C. Daulton, of Berenda.

Tulare County.—E. Giddings, of Tulare; E. Jacobs, of Visalia.

Tuolumne County.—W. G. Long, of Sonora; R. M. Lampson, of Chinese Camp.

Kern County.—Sol. Jewett, George F. Thornton, of Bakersfield.

REPORT.

STOCKTON, CAL., December 8, 1884.

To the honorable the State Board of Agriculture:

GENTLEMEN: The Directors of the Second District Agricultural Association submit this, their report of the transactions of said association, for the year ending this date.

J. M. LARUE, Secretary.

RECEIPTS AND EXPENDITURES.

Receipts.

Balance December 3, 1883	$1,011 50	
Received from rents, storage, etc., and sale of hay and grain	632 41	
Received from sale of single and grand stand tickets	4,360 00	
Received from sales of privileges	5,054 55	
Received from premium fees, discounts, etc.	229 45	
Received from entries to races	8,100 00	
Received from sale of life membership	50 00	
Received from bills payable	1,700 65	
Received from State Controller's warrant	1,500 00	
Received donation from M. M. Estee	20 00	
Received donation from L. U. Shippee	120 00	
Received donation from Stockton Combined Harvester and Agricultural Works	250 00	
		$23,028 56

Expenditures.

Paid indebtedness of 1883	$519 12	
Paid premiums of 1884, to date	1,928 30	
Paid general expenses of 1884, including three years' insurance, etc.	4,514 85	
Paid for permanent improvements and personal property	6,138 29	
Paid purses of 1884	9,808 00	
Entrance fees refunded	120 00	
		$23,028 56

THE ANNUAL ADDRESS.

BY HON. MORRIS M. ESTEE.

Mr. President, Ladies and Gentlemen: I know it will be rather dull to listen to the subject upon which I will address you, after being at the races at the Fair this afternoon. What I intend to say to-night is an appeal to your reason. We are here to compare products, and by a generous rivalry to show who can produce the most in quantity and the best in quality. A spirit of rivalry is an incentive to good farming; any farming that is not intelligent is not successful, and will not pay. The common idea that any man can make a good farmer is not correct; it is a fallacy to say there is nothing to learn in farming; that our fathers knew it all, and that we know no more than they. The real truth is, farming is a progressive business; the man who does not progress in it is a failure. There is something the matter where a farmer is afraid to go to fairs and show what he raises and tell how he does it. There are no secrets in farming that cannot be learned by any intelligent man, but it requires a very intelligent man to know the whole business. In this respect there is nothing like comparisons from a colt up to a baby. Everything has some good points and some instructive points. You may be certain that a man never shows what he does not take pride in; he must fairly love the full, plump kernels of wheat he raises, the heifer or the colt or the pig he exhibits. Why, the man who does not love a good horse don't think much of his wife and children. When I see a farmer walking deliberately around his horse and then stop and look at him, I expect the next instant to see him pick up the little one that is clinging to his legs and toss it up, saying, "This is mine, too." An honest pride in what one creates is the strongest incentive to create the best. There should be pleasure in what we have and an ambition in what we do. Farming is not a dull business if the farmer tries to make it a lively business. You must love to be a farmer, or else do something that you do like; you must raise something that will stay with you like good horses or good cattle. I think it is creditable for one farmer to believe that he has little better horses or little better cattle than his neighbor has, for if your horse has not speed he may have strength and beauty; if he has not strength and beauty he may have a good disposition; if he has neither, of course you don't want him, and to find out these qualities all you have to do is to go to the Fair.

PROGRESS IN FARMING.

I was speaking of the necessity of progress in farming; by progress I mean that every day we should learn something that we did not know before, and, if possible, do something that we had not done before. It is said that the man who makes two blades of grass grow

where only one grew before is greater than a conqueror. He has certainly done something that is of advantage to the human race. Our fathers were good, industrious people, but a farmer of one hundred years ago would think he was on another planet if he could come back and see our present system of farming. What would one of the patriots of 1776 have thought on seeing the header, or mower, or reaper, or thrashing machine, or the combined header and thrasher of this State? He simply would not have known what the instrument was; he would have taken it for an engine of destruction. It is estimated that one man can now do just about four times the amount of farming that a man could do one hundred years ago, and do it much easier, and a great deal better. No country in the world has better farming machinery than California, and very few if any countries have as good. This is not boasting; it is simply the truth. We don't say our people are more intelligent than other peoples, but there is no question that in the department of agricultural machinery we have more and better appliances than any other people. Although it has hardly been twenty-five years since we commenced to farm generally throughout the State, and it has only been about twelve to fifteen years since we commenced grape raising and fruit growing in quantities, yet note the marvelous progress we have made in all these departments of productive industry. This improvement is not attributable to the fact that we have worked any harder than other people, but it is attributable to the fact that in California a very intelligent class of people have engaged in farming industries. The best intelligence is necessary to successful farming; no man can guess himself into prosperity. Sometimes a single idea is worth more than a thousand strong arms. Whitney, who discovered the cotton gin, was of more real value to the cotton industries of the South than all the slave labor of the cotton States; the saving caused by that single thought, illustrated by proper mechanical appliances, revolutionized the cotton industry, cheapened products, and benefited the world more than we can estimate. This did not destroy labor; it ennobled it, and gave to toil a higher plane of intelligence. So with McCormack, who first pointed out how to cut grain by machinery, and proved to the whole civilized world that from the days of the Pyramids until now this work had been done wrong; that with half the labor one man could cut more grain, and do it better, than eight or ten men could do in the old way. This was but an illustration of the principle that a high degree of intelligence is necessary for success in farming; it was applying a new thought to old practices, and a great thought it was, bringing the best intelligence to bear upon the business in which you are engaged. It illustrated, in a most marked degree, the difference between intelligent farming and farming by sheer brute force. Every grown man has muscle, but muscle alone will not compete with brain power and muscle combined. So with your combined header and thrasher. It is fast revolutionizing the manner of harvesting in the wheat producing valleys of the State. You are proud of it; so are we all. It is made in Stockton. This illustrates the idea of brain power brought to the aid of muscle. I do not mean that farmers can all be scholars, or that scholars, as such, would make good farmers, but what I do mean is, that the farmer should think about farming, and about the best farming, and that he should do what the mechanic does, namely: imitate the best mechanic, not the poorest work; visit fairs, compare products, ad-

vance as the age advances, profit by examples which are presented to him, raise the best of everything—good things always sell for good prices; take care of your land and it will take care of you. Don't forget that.

The most useful man in a community is he who produces something. The farmer is the chief producer, and that man who produces the most on a given number of acres of land with the least amount of labor or money is the best farmer. This requires an enlightened knowledge of the business in which he is engaged. There can be no greater error than that the life of a farmer offers no field to ambition and no reward for success. Many of the most distinguished men of our country have devoted their lives to farming. Washington and Jefferson were farmers; Clay and Webster were farmers, although they each were professional men. The farm is the home of industry, and often the birthplace of genius. How many of our most distinguished men have been born on the farm, and through all the earlier years of their lives have toiled with their own hands. They were disciplined in the rugged paths of labor; their food was coarse; their clothes plain, and often home made; but their sleep was sound; their conscience was clear. As one of the humblest among you, I would not exchange the pleasing and peaceful memories of my earlier farm life, toilsome though it was, for any brief honors I might enjoy; for this kind of discipline is as necessary to mental as to physical development. It fits the boy to become a man. The broad fields, the sky, the mountains, and all their great and sublime beauties, makes a man as rugged as Nature is, and the grandest work of Nature.

LABOR ON THE FARM.

But a farmer has to work. Who that succeeds in life does not? The great struggle of life is a contest often for existence, always with the hope of success, sometimes with a certainty of failure. Does the successful professional man get on without work? Does your merchant prosper without work? Go to your merchants and ask them the number of hours they work each day. Show me the man who does not work and I will show you a man you ought to avoid. Life is not a holiday, nor in any respect is the farm a playground. Farming is not learned in theory alone; it is a practical business, requiring practical knowledge of a larger number of subjects than any other pursuit. The principles of the law are learned in the colleges, in the library, or in the office. Surveying must be studied before it can be practiced. Medicine and surgery requires the most careful application and a knowledge of its principles before the student attempts to be a doctor. But the prevailing opinion is that anybody can be a farmer. The boy that is unfit for anything else is turned loose on the farm with a belief that farming is born in a man, and that knowledge of farming comes with his first breath. Why, you often see gentlemen of leisure, especially in the older States, when they become wearied of all other pursuits, turn farmer just to keep themselves busy. They don't hurt anything, they do no harm, they all fail at it, and then we hear the old cry that farming does not pay. They forget that successful farming depends more on the man than on the farm. You all know that success is not an accident; there is no luck about farming, unless sometimes come bad luck. You have to force success; it is just like other business, you must follow it well and

thoroughly or you will fail. You must plant at the right time and in the right manner or your crop will not reward your labors. There are failures enough which is not the fault of the farmer, and which the farmer cannot defend himself against. No man can devote two months to planting his crop, two months to harvesting it, and eight months to the corner grocery, and succeed.

We often read of new systems of education, like learning French without a master, or new patent medicines which are advertised will cure every known malady, and do it right off. These things are all possible, however improbable they may be, but no system of farming has ever been discovered, or ever will be discovered, where a man can crop his farm year after year and put nothing back on the land and not wear it out. Manure is just as valuable in this country as in any other place in the world. In Napa County every pound of manure is now saved and put upon the vineyards. I do not say that there are better farmers there than you are, but in our valley the grape vine requires some nourishment, and it gets it, and it pays to do this. A very distinguished French writer, and one of the French Commissioners of Viticulture, reported to his Government some years since, after making the most careful and patient examination of the subject of manures, extending through a term of years, that for every pound of good barnyard manure they got back one of grapes. Now, in Napa County we sell good grapes for $30 a ton, which would be a cent and a half a pound for your manures. This may seem anomalous to those who dump their manure in the slough or burn it up, or leave it as an ornament to the barnyard. Haul your manure out on the land in the Fall and scatter it and plow it under, and it is as useful to the lands in California as it is to any land in the world.

DIVERSIFIED PRODUCTION.

The fertility of our soil will not always continue, unless we give it back something that we take from it. In this connection I may be pardoned for reminding you that wheat raising will not always pay. Sooner or later, even in your great valley, you must adopt a more diversified production. The wheat growers in this fertile valley must profit by the experience of other people in other lands. You can't raise wheat always; your soil will wear out for wheat production, even though you manure it. Sooner or later you must produce something else, or not produce anything. Look at New York and Pennsylvania. The Genesee Valley, in the State of New York, was once the finest wheat-growing region in the United States. Now the farmers in that beautiful valley do not raise even enough wheat for home consumption; but they have adapted the soils to other uses. You can raise cattle wherever you can raise wheat, although small farmers would, of course, have to raise their stock upon a small scale. Everybody cannot have 5,000 acres of land, or 1,000 head of cattle. Indeed, it would be better that there were no such farms in the country; but every man who has a farm can raise a few head of cattle and horses, and if he raise the best he can find a good market for them. The best of anything never hunts a market. You have an immense wheat crop this year. But where are the prices? You have to store your grain or sell for less than it costs to produce it; and you are the sufferers, because your eggs are all in one basket. It may be answered that this great valley was only intended for

wheat raising; that varied production will not succeed here; that you cannot raise vineyards and orchards successfully, nor can you raise stock in sufficient quantities to pay. I don't believe either of these statements. I believe that most of the lands of this valley can be utilized either for orchard or vineyard, or for successful stock raising. In any deep soils I don't see why you can't raise beets to feed your cattle, at least by limited irrigation, as well as we can in the coast counties. There may be some localities where the soil is too thin, and where wheat and barley are all that can be raised; but where you can raise wheat and barley, you can certainly raise hay, and if you can make hay, you can raise stock. Don't understand me that I am trying to tell each of you what to do with your particular farm. I fully understand that there are no two localities that are exactly alike, and that will successfully produce the same grains or the same fruits, but do know that even in this valley you will sooner or later have to adopt the system that has been more recently adopted in the Sonoma and Napa Valleys, Alameda and Santa Clara, and a part of Sonoma County, by introducing a more varied production. Where the native oak will grow the vine or the fruit tree will grow. It is true you must understand what vine or what tree to plant. In this valley I would not plant the kind of grapevines or attempt to make the kind of wine that we make in Napa and Sonoma, nor would I plant the same fruit trees on the plains that I would plant there. This is not necessary. You can find both vine and fruit trees that will pay you quite as well as ours pay us there, and will grow equally as luxuriant.

SAN JOAQUIN'S FUTURE WEALTH.

Under this new system of canning and drying fruits California has the world for a market, and the future wealth of the valley of the San Joaquin will rest more on the number of boxes of fruit and casks of wine and brandy it produces than in the number of the sacks of wheat. And this is all the more certain because now we have to compete with India with its cheap servile labor in raising small grains. It is stated by a very distinguished authority that ordinary farm labor in India can be obtained at from ten cents to twenty-five cents a day to the man, and transportation is now so much cheaper from India to Europe that it will be but a few years when if the ratio of increase of production in India continues for the next ten years as it has the past ten, then Liverpool will no longer be a market for our small grains, and we will be compelled to adopt a more varied production whether we wish to or not. It is my most profound conviction that the time is fast approaching when the great wheat growers of this valley must raise more cattle, more fruits, and less wheat if they hope to make their farming enterprises pay.

Those who plant vineyards and orchards now have better opportunities for success than those who planted them fifteen years ago, because now the fruit grower has all the experience which the last fifteen or twenty years have furnished to the people of this State. We know better to-day what kinds of grapes, or what character of fruits, are adaptable to the peculiar soils of the different localities of this State; what the climate effects are upon these fruits. We know better to-day where the fruits ripen more perfectly, and what kinds of fruits are best to plant in such localities as San Joaquin. We know that in Napa and Sonoma Counties we cannot successfully com-

pete with you in the culture of apricots; we know that we can successfully compete with the world in making light dry wine, but we know that we cannot successfully compete with you in making either raisins or burgundy wine, or the sherries, or the port, or possibly brandies. This knowledge every beginner in the field of viticulture now gets without paying for it; but we, who were the first in this field of horticulture and viticulture, had to purchase this information by the experience of many failures.

Farming cannot be overdone. There will never be too many people engaged in this business, nor will there be too many farms. The danger is, there will be too few farms, and these too large. A republic cannot long survive when the lands are concentrated in the hands of a few men. Any man will fight for his home, but it takes a very brave man to fight for the privilege of working for half wages. An interest in the soil gives an inspiration to patriotism. It is the thousand little homes that dot our valley, and not the great farms all homeless and houseless, that gives security to this Nation. It is the independant yeomanry who love their country, "because it is their own," who in peace and in war will maintain its honor and its glory. It is the toilers with brawny arms and great hearts who have builded this mighty Republic, and who will be found defending it so long as virtue and patriotism has an abiding place in the hearts of men.

PREMIUMS AWARDED—1884.

FIRST DEPARTMENT.

Live Stock.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
CLASS I—THOROUGHBRED HORSES.				
Best stallion, three years old or over	San Joaquin Stock Breeders' Association	Stockton	Joe Daniels	$25 00
Second best stallion, three years old or over	George Howson	Sacramento	Jim Douglas	$8 00
Best sucking colt	J. W. Adams	Los Angeles	Botherford	$4 00
Best mare, three years old or over	J. W. Adams	Los Angeles	Aunt Betsy	$20 00
Second best mare, three years old or over	J. W. Adams	Los Angeles	Fannie D	$6 00
Best mare, two years old	N. W. Randall	Stockton	Henrietta	$15 00
CLASS II—ROADSTERS.				
Best stallion, four years old or over	B. E. Harris	San Francisco	Adventure	$25 00
Best stallion, three years old or over	J. H. Tennent	Pinole	Alert	$15 00
Best mare or gelding, four years old or over	J. H. Tennent	Pinole	Twinkle	$20 00
Second best mare or gelding, four years old or over	Ed. Younger	San José	Whisper	$6 00
Best mare or gelding, two years old	J. H. Tennent	Pinole	Arthena	$12 00
MATCHED ROADSTERS.				
Best span	D. J. McCarty	San Francisco	Joe and Harry	$25 00
Second best span	L. U. Shippee	Stockton	Six-year old bays	$8 00
Best trotting sucking colt	C. W. Turner	Stockton	Black Al	$5 00
Second best trotting sucking colt	B. E. Harris	San Francisco	Relief	$2 00
Best trotting sucking filly	R. E. Stowe	Stockton	Bay filly, by Mt. Vernon	$5 00
Second best trotting sucking filly	W. H. McKee	Stockton	Black filly, by Mt. Vernon	$2 00
CLASS III—HORSES FOR ALL PURPOSES.				
Best stallion, three years old and over	A. Starkweather	Farmington	Tasso	$25 00
Second best stallion, three years old and over	S. A. Curley	Stockton	Nephew, Jr.	$8 00
Best stallion, two years old	F. S. Hatch	Stockton	Nelson Nutwood	$15 00
Second best stallion, two years old	Edwin Thomas	French Camp	Comet	$5 00
Best stallion, one year old	Frank Sievers	Stockton	Fred	$9 00

Second best stallion, one year old	B. E. Harris	San Francisco	Sir Whipple	$3 00
Best sucking colt	Perry Yaple	Ripon	Billy	$4 00
Best mare, three years old or over	R. E. Stowe	Stockton	Pinafore	$15 00
Second best mare, three years old or over	G. W. Brandon	Capay	Lady May	$5 00
Best mare, one year old	George Thrush	Stockton	Daisy	$6 00
Second best mare, one year old	B. E. Harris	San Francisco	Echolo	$2 00
Best sucking filly	E. H. Perry	Lockeford	Ch. filly, by Hambletonian	$3 00
FAMILIES.				
Best stallion, other than thoroughbred, with ten or more of his colts	C. K. Bailey	Stockton	Eureka, and thirteen colts	$20 00
Best mare, other than thoroughbred, with four or more of her colts	L. U. Shippee	Stockton	Ryan mare, and her colts	$10 00
CLASS IV—ROADSTERS.				
Best stallion, three years old or over	C. K. Bailey	Stockton	Eureka	$25 00
Second best stallion, three years old or over	M. Rose	Galt	French Lyon	$8 00
Best stallion, two years old	C. K. Bailey	Stockton	Royal Tom	$15 00
Second best stallion, two years old	E. Wilkins	Stockton	Hector	$5 00
Best stallion, one year old	C. K. Bailey	Stockton	George Washington	$9 00
Best sucking colt	C. K. Bailey	Stockton	Waterloo	$4 00
Best mare, three years old or over	C. K. Bailey	Stockton	Cantata Queen	$15 00
Best mare, one year old	C. K. Bailey	Stockton	Maggie Trailor	$6 00
Best sucking filly	C. K. Bailey	Stockton	Moss Rose	$3 00
CLASS V—CARRIAGE HORSES.				
Best carriage team, sixteen hands high or over, owned and used as such by the exhibitor	B. E. Harris	San Francisco	Colonel and Elmo	$20 00
Best single carriage animal, owned and used as such, shown to buggy or carriage	Thomas Sedgwick	Stockton	Tommy	$10 00
CLASS VI—MULES.				
Best span	L. U. Shippee	Stockton	Mollie and Callie	$15 00
CLASS VII—JACKS AND JENNETS.				
Best jack, three years old and over	L. U. Shippee	Stockton	Castilian	$25 00
Second best jack, three years old and over	J. D. Patton	Lodi	Brigham Young	$8 00
Best jack, two years old	W. K. Walker	Stockton	Napoleon	$15 00
Best jack, one year old	L. U. Shippee	Stockton	Major Kent	$12 00
Best sucking jack	L. U. Shippee	Stockton	Black ——	$5 00
Best jennet, three years old or over	L. U. Shippee	Stockton	Topsy	$20 00
Second best jennet, three years old or over	L. U. Shippee	Stockton	Mag	$6 00
Best jennet, two years old	W. F. Freeman	Stockton	Native	$15 00

FIRST DEPARTMENT—Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
Second best jennet, two years old	L. U. Shippee	Stockton	Black Jane	$5 00
Best jennet, one year old	L. U. Shippee	Stockton	Black Beck	$9 00
Best sucking jennet	L. U. Shippee	Stockton	Young Topsy	$5 00
CLASS VIII—DURHAMS.				
Best bull, three years old or over	C. Younger	San José	Forest King	$25 00
Best bull, two years old	Ed. Younger	San José	Kirk Levington	$20 00
Best bull, one year old	C. Younger	San José	Fifth Forest King	$12 00
Best calf, under one year old	Ed. Younger	San José	Second Kirk Levington	$5 00
Best cow, three years old or over	C. Younger	San José	Jesse Maynard	$20 00
Best cow, two years old	Ed. Younger	San José	Tenth Rose of Forest Home	$15 00
Second best cow, two years old	Ed. Younger	San José	Red Dolly 13th	$5 00
Best cow, one year old	C. Younger	San José	Oxford Rose 4th	$9 00
Best heifer calf	C. Younger	San José	Seventh Sprightly	$4 00
CLASS IX—DEVONS.				
Best bull, three years old or over	Capt. A. J. Hutchinson	Los Angeles	Burnett 3d	$25 00
Best bull, two years old	Capt. A. J. Hutchinson	Los Angeles	Columbus	$20 00
Best bull, one year old	Capt. A. J. Hutchinson	Los Angeles	Hugo 2d	$12 00
Best cow, three years old or over	Capt. A. J. Hutchinson	Los Angeles	Lovely 34th	$20 00
Best cow, two years old	Capt. A. J. Hutchinson	Los Angeles	Lovely 36th	$15 00
Best cow, one year old	Capt. A. J. Hutchinson	Los Angeles	Lovely 37th	$9 00
Best heifer calf	Capt. A. J. Hutchinson	Los Angeles	Maid of Torridge	$4 00
CLASS X—JERSEYS.				
Best bull, three years old or over	Thomas Waite	Brighton	Jesse Prince	$25 00
Second best bull, three years old or over	Williams & Bixler	Undine	Tamalpais	$8 00
Best bull, two years old or over	J. S. McCue	San Francisco	La Hiras Boy	$20 00
Best bull, one year old or over	William A. French	Stockton	R. G. Sneath	$12 00
Second best bull, one year old or over	Thomas Waite	Brighton	John Rooney	$4 00
Best calf, under one year	Thomas Waite	Brighton	H. M. LaRue	$5 00
Best cow, three years old or over	Williams & Bixler	Undine	Nora 4th	$20 00
Second best cow, three years old or over	Thomas Waite	Brighton	Ida W	$6 00
Best cow, two years old	H. S. Sargent	Stockton	Lilac 4th	$15 00
Second best cow, two years old	Williams & Bixler	Undine	Ella B	$5 00
Best cow, one year old	Thomas Waite	Brighton	Topsy 3d	$9 00
Second best cow, one year old	William A. French	Stockton	Nonie 2d	$3 00

Best heifer calf, under one year	H. S. Sargent	Stockton	Queenie	$4 00
CLASS XI—AYRSHIRES.				
Best bull, three years old or over	George Bement	Redwood City	Archie (3432)	$25 00
Best calf, under one year	George Bement	Redwood City	Clipper (3538)	$5 00
Best cow, three years old or over	George Bement	Redwood City	Elaine (7401)	$20 00
Best cow, two years old	George Bement	Redwood City	Sybil (7404)	$15 00
Best cow, one year old	George Bement	Redwood City	Marian (7408)	$9 00
Best heifer calf, under one year	George Bement	Redwood City	Sabilla	$4 00
CLASS XI AND ONE HALF—HEREFORDS.				
Best bull, one year old	Captain William Kohl	San Mateo	Count Tredegar	$12 00
Best calf, under one year	Captain William Kohl	San Mateo	Duke of Normandy	$5 00
Best cow, three years old or over	Captain William Kohl	San Mateo	Violet 2d	$20 00
Best cow, two years old	Captain William Kohl	San Mateo	Triumph Theora	$15 00
Best heifer calf, under one year	Captain William Kohl	San Mateo	Kate 1st	$4 00
CLASS XI AND THREE FOURTHS—HOLSTEINS.				
Best bull, three years old or over	Mrs. E. D. Knott	La Honda	Anson	$25 00
Best bull, one year old	H. W. Meek	San Lorenzo	Juror (2295)	$12 00
Best calf, under one year	H. W. Meek	San Lorenzo	Cassius	$5 00
Best cow, two years old	H. W. Meek	San Lorenzo	Rigoletto (2874)	$15 00
Best heifer calf, under one year	H. W. Meek	San Lorenzo	Alameda Maid	$4 00
CLASS XII—GRADED CATTLE.				
Best cow, three years old or over	C. Younger	San José	The Widow	$15 00
Second best cow, three years old or over	William A. French	Stockton	Jersey Belle	$5 00
Best cow, two years old	H. S. Sargent	Stockton	Gray	$9 00
Second best cow, two years old	William A. French	Stockton	Bessie F	$3 00
CLASS XIII—HERDS OF CATTLE, NOT LESS THAN FIVE HEAD.				
Best Durham herd	C. Younger	San José	Bull Forest King, cow Nevada Belle 2d, cow 2d Rose of Forest House, cow Jessie Maynard, cow 14th Red Dolly	$20 00
Best Devon herd	Captain A. J. Hutchinson	Los Angeles	Bull Burnett 3d, cow Lovely 34th, cow Wanda 3d, cow Lovely 36th, cow Lovely 41st	$20 00
Best Ayrshire herd	George Bement	San Mateo County	Bull Archie, cow Elaine, cow Highland Mary, cow Sybil, cow Marian	$20 00

FIRST DEPARTMENT—Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
Best Hereford herd	Captain William Kohl	San Mateo	Bull Count Tredegar, cow Violette 2d, cow Temptress 1st, cow Triumph Theora, cow Vallata 3d	$20 00
Best Holstein herd	H. W. Meek	San Lorenzo	Bull Juror, cow Rigoletto, cow Syracuse Maid, cow Aggie Millie, cow Lady Bertha	$20 00
CLASS XV—SHEEP.				
Best Southdown ram	George Bement	Redwood City	Sonoma	$10 00
Best pen five Cotswold ewes	Ed. Younger	San José		$7 50
Best pen five Southdown ewes	George Bement	Redwood City		$7 50
CLASS XVI—SWINE.				
Best boar	San Mateo Stock Farm	San Mateo	Early	$10 00
Second best boar	Taylor Beach	San José	Tarbox	$4 00
Best Berkshire sow	San Mateo Stock Farm	San Mateo	Beauty	$9 00
Second best Berkshire sow	San Mateo Stock Farm	San Mateo	Hopeton Lass	$3 00
Best Berkshire sow and four pigs	San Mateo Stock Farm	San Mateo		$10 00
Best Jersey red boar	I. S. Shippee	French Camp		$10 00
Best Jersey red sow	I. S. Shippee	French Camp		$9 00
Best Jersey red sow and four pigs	I. S. Shippee	French Camp		$10 00
CLASS XVII—POULTRY.				
Best lot Langshans	Thomas Waite	Brighton		$2 50
Best lot Light Brahmas	Thomas Waite	Brighton		$2 50
Best lot Cochins	Thomas Waite	Brighton		$2 50
Best lot Houdans	Thomas Waite	Brighton		$2 50
Best lot Leghorns	Thomas Waite	Brighton		$2 50
Best lot Game	George Bement	Redwood City		$2 50
Best lot Silver Spangled Hamburg	Thomas Waite	Brighton		$2 50
Best lot Bronze turkeys	Thomas Waite	Brighton		$3 00
Best lot Rouen ducks	Thomas Waite	Brighton		$2 50
Best lot Pekin ducks	Thomas Waite	Brighton		$2 50

THIRD DEPARTMENT.

MACHINERY, IMPLEMENTS, ETC.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
Stockton C. H. & A. Works	Stockton	Shippee combined harvester	$250 00
H. C. Shaw	Stockton	Straw header	$10 00
Bailey, Badgley & Co.	Stockton	Mowing machine (Victor)	$5 00
Grangers' Union	Stockton	Steel plow	$3 00
Grangers' Union	Stockton	John Deere gang plow	$3 00
Grangers' Union	Stockton	Cast plow	$3 00
Grangers' Union	Stockton	Subsoil plow	$5 00
H. C. Shaw	Stockton	Gem chain grain sower	$5 00
Bailey, Badgley & Co.	Stockton	Judson 3-section iron harrow	$3 00
Grangers' Union	Stockton	Thomas horse rake	$3 00
Grangers' Union	Stockton	Boss straw cutter	$3 00
Hill & Miller	Sacramento	Miller's Lightning hay press	Medal.
H. C. Shaw	Stockton	Buckeye shoe seed drill	$3 00
H. C. Shaw	Stockton	No. 4 Union churn	Medal.
Grangers' Union	Stockton	Mitchell's new cultivator, large	$5 00
Bailey, Badgley & Co.	Stockton	Judson vineyard cultiv'r, small	$3 00
Grangers' Union	Stockton	Byron Jackson's horse fork	$5 00
Grangers' Union	Stockton	Cutts' improved grain separator	$5 00
Grangers' Union	Stockton	Byron Jackson's derrick fork	$5 00
K. W. Jones	Lemoore	Field roller and crusher	$5 00
CLASS II—WHEELWRIGHT WORK.			
John Caine	Stockton	Display of carriages	$10 00
John Caine	Stockton	Two-horse farm wagon	$5 00
John Caine	Stockton	Single top buggy	$5 00
John Caine	Stockton	Four-wheeled truck	$5 00

SPECIAL RECOMMENDATIONS.

The various Awarding Committees made the following recommendations:

To S. L. Gaines' combined header and thrasher, exhibited by S. L. Gaines, special mention.

To chilled steel plow, shown by H. C. Shaw, Stockton, special mention.

To Corbin harrow, shown by Grangers' Union, Stockton, special mention.

To loading, stacking, and hay pitching machine, shown by Byron Jackson, San Francisco, special mention.

To Buckeye cider press, shown by John Caine, also H. C. Shaw, Stockton, premium.

To Grangers' Union, for best display of agricultural implements, premium.

To Reed & Shelton's mechanical motor for raising water, shown by Reed & Shelton, San Francisco, special mention.

To four-horse wagon, shown by John Caine, Stockton, special premium.

To two six-horse wagons, shown by John Caine, special premium.

To vineyard plow, shown by Grangers' Union, Stockton, special mention.

To washing machine, shown by Grangers' Union, Stockton, special premium.

To barn door hinges, shown by Grangers' Union, Stockton, special premium.

To Buckeye shallow pump, shown by H. C. Shaw, Stockton, special premium.

To Buckeye deep well pump, shown by H. C. Shaw, Stockton, special premium.

To Buffalo forge, shown by H. C. Shaw, Stockton, special premium.

To Perfection single and double whiffletrees, shown by H. C. Shaw, Stockton, special premium.

To scraper, shown by Stockton Combined Harvester and Agricultural Works, Stockton, special premium.

To wagon bed, shown by Stockton Combined Harvester and Agricultural Works, Stockton, special premium.

SPEED PROGRAMME.

TUESDAY, SEPTEMBER 23, 1884.

(Missing numbers declared off.)

RACE No. 2—TROTTING.

Purse $1,000. 2:36 Class.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Rarus	Armstrong & Carrington	Salt Lake City.
Ned Forrest, by Blackbird	John McIntyre	Chico.
James H	George W. Bayliss	San Francisco.
LaGrange, by Sultan	L. J. Rose	San Gabriel.
Col. Hawkins, by Echo	J. D. Young	Sacramento.
Menlo, by Nutwood	Pat. Farrill	San Francisco.
Blanche, by Gen. McClellan	William Bihler	Petaluma.
Fred Arnold, by Nephew	William Johnson	Oakland.
Guy Wilkes, by Geo. Wilkes	San Mateo Stock Farm	San Mateo.
Joe Arthurton, by Arthurton	San Mateo Stock Farm	San Mateo.
Ralph Bugle, by Johnny Bull	W. H. E. Smith	Oakland.

Position at Starting.	*Position at Close.*			
1. Blanche	Guy Wilkes	1	1	1
2. Menlo	LaGrange	2	2	3
3. James H	Colonel Hawkins	3	3	2
4. Guy Wilkes	Blanche	4	5	4
5. LaGrange	Menlo	5	4	5
6. Colonel Hawkins	James H	dis.		

Time—2:25; 2:24½; 2:26.

RACE No. 3—RUNNING.

Mile dash. District two-year old Class. Purse, four hundred dollars; four moneys; fifty, twenty-five, fifteen, and ten per cent of purse.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Laura T, by Joe Daniels	G. W. Trahern	Stockton.
Joe Walker, by Joe Daniels	E. T. Lowry	Fresno.
Jack Frost, by Joe Daniels	E. T. Lowry	Fresno.
Henrietta, by Joe Daniels	A. Miller	Sacramento.

Position at Startiag.	*Position at Close.*	
1. Laura T	Joe Walker	1
2. Joe Walker	Laura T	2
3. Henrietta	Jack Frost	3
4. Jack Frost	Henrietta	4

Time—1:49½.

RACE NO. 5—TROTTING.

District four-year old Class. Purse, four hundred dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Jim Mulvena, by Nutwood	Sargent Brothers	Gilroy.
Ha Ha, by Nephew	Fred. Arnold	Stockton.
Magdalena, by Peerless	D. C. Horton	Sumner.
Baby Mine, by Nephew	C. W. Dudley	Oakdale.

Position at Starting.	*Position at Close.*					
1. Jim Mulvena	Ha Ha	2	2	1	1	1
2. Ha Ha	Jim Mulvena	1	1	3	3	2
3. Baby Mine	Baby Mine	3	3	2	2	3

Time—2:30¼; 2:27¾; 2:31¾; 2:31¼; 2:34½.

WEDNESDAY, SEPTEMBER 24, 1884.

RACE NO. 6—RUNNING.

Selling race; one mile and repeat. Purse, six hundred dollars; valuation, one thousand dollars—three pounds off for each one hundred dollars below, and two pounds added for each one hundred dollars above.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Certiorari, by Joe Daniels	G. W. Trahern	Stockton.
Belshaw, by Wildidle	E. B. Johnston	Chico.
Jou Jou, by Monday	N. Kelly	San Francisco.
Philip S, by Leinster	P. Siebenthaler	Sacramento.
Nealie, by Joe Daniels	D. S. Terry	Stockton.
Billy Foote, by Norfolk	Wm. M. Murray	Sacramento.
Duke of Monday, by Monday	Rancho Del Paso	Sacramento.
Beaconsfield, by Hockhocking	E. J. Baldwin	Los Angeles.

Position at Starting.	*Position at Close.*		
1. Duke of Monday	Philip S	1	1
2. Certiorari	Duke of Monday	2	2
3. Philip S	Certiorari	3	3

Time—1:44¾; 1:43½.

RACE NO. 8—TROTTING.

Purse, one thousand dollars. Three-year old Class. The following made second payment:

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Bay Rose, by Sultan	E. Giddings	Lemoore.
Nona Y, by Admiral	A. A. Yeager	Suisun.
Mt. Vernon, by Nutwood	J. A. McCloud	Stockton.
Voucher, by Nephew	G. W. Trahern	Stockton.
Tabbie Rosenbaum, by Nutwood	D. S. Rosenbaum	Stockton.
Leleeps, by Nutwood	John Williams	Stockton.
Antevolo, by Electioneer	J. C. Simpson	Oakland.
McVeigh, by Conductor	J. E. Durham	Pacheco.
Pope Leo, by Romero	C. Thomas	Oak Grove.
Quaker Girl, by Nutwood	L. U. Shippee	Stockton.

RACE No. 8—Continued.

Position at Starting.	*Position at Close.*			
1. Tabbie Rosenbaum	Voucher	1	1	1
2. Mt. Vernon	Antevolo	2	2	2
3. Leleeps	Leleeps	3	3	3
4. Voucher	Tabbie Rosenbaum	dis.		
5. Antevolo	Mt. Vernon	dis.		

Time—2:33½; 2:30¼; 2:32½.

RACE No. 9—TROTTING.

Purse, twelve hundred dollars. 2:22 Class.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Arab, by Arthurton	E. M. Fry	San Francisco.
Albert W, by Electioneer	A. Waldstein	San Francisco.
Brigadier, by Happy Medium	J. B. McDonald	Marysville.
Allen Roy, by Patchen Vernon	J. W. Donathan	Oakland.
Vanderlynn, by George M. Patchen	P. Farrell	San Francisco.
Manon, by Nutwood	J. A. Goldsmith	Oakland.

Position at Starting.	*Position at Close.*			
1. Vanderlynn	Manon	1	1	1
2. Allen Roy	Brigadier	2	2	3
3. Manon	Vanderlynn	3	3	2
4. Brigadier	Allen Roy	4	4	4

Time—2:25; 2:22½; 2:22¾.

THURSDAY, SEPTEMBER 25, 1884.

RACE No. 10—RUNNING.

Purse, five hundred dollars. Free for all in the district.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Nealie, by Joe Daniels	D. S. Terry	Stockton.
Amanda L, by Shannon	George Harrison	Stockton.
Kelpie, by Claude Duval	H. R. Potter	Stockton.
Bryant W, by Monday	T. H. Williams, Jr.	Undine.
Birdcatcher, by Specter	Col. C. Dorsey	Oakland.
Certiorari, by Joe Daniels	G. W. Trahern	Stockton.

Position at Starting.	*Position at Close.*			
1. Certiorari	Certiorari	3	1	1
2. Amanda L	Amanda L	1	2	2
3. Nealie	Birdcatcher	2	4	r. o.
4. Birdcatcher	Nealie	4	3	r. o.

Time—1:46; 1:46¾; 1:50½.

RACE NO. 11—TROTTING.

Purse, one thousand dollars. 2:27 Class.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Adriance (970), by Reliance (969)	J. M. Learned	Stockton.
Scandinavian, by Black Hawk Morgan	Peter Johnson	San Francisco.
Olivette, by Whipple's Hambletonian	A. C. Dietz	Oakland.
Neluska, by Sultan	L. J. Rose	San Gabriel.
Bismarck, by Index	G. W. Wilson	San José.
Johnny, by Auctioneer	William Bourke	Petaluma.
Belle Spencer, by Black Ralph	E. V. Spencer	Susanville.
B B, by Bellfounder	J. W. Donathan	Oakland.
Marin, by Queen's Patchen	P. Farrell	San Francisco.
Sister, by Admiral	J. A. Goldsmith	Oakland.
Tump Winston, by Primus	E. Downer	Oakland.
Huntress, by Admiral	W. B. Todhunter	Sacramento.
Anteco, by Electioneer	Santa Rosa St'k Bds Assn.	Santa Rosa.
Frank S (formerly Orphan)	Thomas McEvoy	Salt Lake City.
Blanche, by Gen. McClellan	William Bihler	Petaluma.
Adair, by Electioneer	W. F. Smith	Sacramento.

Position at Starting.	*Position at Close.*				
1. Adair	Adair	1	1	2	1
2. B B	Sister	2	2	1	2
3. Sister	B B	3	3	3	3
4. Tump Winston	Olivette	5	4	4	4
5. Olivette	Blanche	4	5	5	5
6. Scandinavian	Tump Winston	6	6	6	6
7. Blanche	Scandinavian	dis.			

Time—2:21¼; 2:21; 2:23½; 2:24.

RACE NO. 13—RUNNING.

Purse, five hundred dollars. Novelty race. One hundred dollars to each half mile, balance to winner of last half. One and a half mile dash.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Bachelor, by Hockhocking	Hill & Gries	S. Buenaventura.
Dottie Dimple, by Ben Wade	Hill & Gries	S. Buenaventura.
Philip S, by Leinster	P. Siebenthaler	Sacramento.
Stanislaus, by imp. Partisan	Col. C. Dorsey	Oakdale.
Nick of the Woods, by Leinster	H. H. Pinney	Grass Valley.
Beaconsfield, by Hockhocking	E. J. Baldwin	Los Angeles.

Position at Starting.	*Position at Close.*
1. Beaconsfield	Dottie Dimple, first to first half mile.
2. Dottie Dimple	Beaconsfield, first to one mile.
3. Philip S	Philip S, first to one and a half miles and finish.
4. Bachelor	

Time—2:43.

FRIDAY, SEPTEMBER 26, 1884.

SPECIAL—TROTTING.

Purse, four hundred dollars, for named horses.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Setting Sun, by Billy Hayward	A. L. Hinds	Oakland.
Ed	A. T. Jackson	
Ned, by Irwin Davis	Jas. Edge	
Nellie Burns, by Bellfounder	R. E. Burns	

Position at Starting.	*Position at Close.*					
1. Ned	Ed	2	1	1	2	1
2. Ed	Nellie Burns	1	2	2	3	2
3. Setting Sun	Ned	4	4	4	1	3
4. Nellie Burns	Setting Sun	3	3	3	4	4

Time—2:32; 2:33½; 2:33¼; 2:33½; 2:34.

RACE NO. 14—TROTTING.

Purse, one thousand dollars. Four-year old class. The following made second payment:

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Center, by Sultan	L. J. Rose	San Gabriel.
Regina, by Electioneer	Jas. Garland	Oakland.
Thapsin, by Berlin	W. F. Smith	Sacramento.
Lucillia, by Nephew	J. Williams	Stockton.

Walkover for Thapsin and Regina.

RACE NO. 16—TROTTING.

Purse, four hundred dollars. District, 2:36 Class.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Upright, by Whipple's Hambletonian	W. E. Morris	Stockton.
Wormwood, by Nutwood	W. D. Hamilton	Hill's Ferry.
Jas. G. Blaine, by Billy Hayward	F. S. Hatch	Stockton.
Maud W W W, by General Reno	W. W. Worthing	Lodi.
Ha Ha, by Nephew	Fred. Arnold	Stockton.
Magdalene, by Peerless	D. C. Horton	Sumner.
Revolution, by Prince of Orange	P. W. Dudley	Oakdale.

Position at Starting.	*Position at Close.*				
1. Wormwood	Ha Ha	2	1	1	1
2. Ha Ha	Wormwood	1	2	2	2
3. Magdalene	Magdalene	3	3	3	3

Time—2:41¼; 2:31½; 2:31; 2:32¼.

RACE NO. 17—TROTTING.

Purse, one thousand dollars. 2.24 Class.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Arab, by Arthurton	E. M. Fry	San Francisco.
Big Lize, by George M. Patchen	J. W. Gordon	San José.
Magdallah, by Primus	John Dexter	San Francisco.
Louis D, by King William	Louis Duncan	Santa Clara.

Walkover for Big Lize and Magdallah.

SATURDAY, SEPTEMBER 27, 1884.

RACE NO. 18—RUNNING.

Purse, eight hundred dollars. Free for all.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Bachelor, by Hockhocking	Hill & Gries	S. Buenaventura.
Trade Dollar, by Norfolk	Delaney & Ayres	Sacramento.
Forest King, by Monday	S. A. Jones	Portland, O.
Bryant W, by Monday	Thomas H. Williams, Jr.	Undine.
Birdcatcher, by Specter	Col. C. Dorsey	Oakdale.
Nellie Peyton, by Imported Hurrah	Rancho del Paso	Sacramento.
Billy the Kid, by Leinster	G. L. Richardson	Grass Valley.
Balboa, by Norfolk	C. Thomas	Oak Grove.

Position at Starting.	*Position at Close.*			
1. Birdcatcher	Bachelor	3	1	1
2. Bachelor	Forest King	1	3	2
3. Forest King	Billy the Kid	2	2	r. o.
4. Billy the Kid	Birdcatcher	4	4	r. o.

Time—1:43½; 1:46; 1:48.

RACE NO. 19—PACING.

Purse, five hundred dollars. 2:25 Class.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Shaker,——	M. F. Odell	Sacramento.
Prince, by Missouri Chief	S. C. Tryon	Sacramento.
Lida W, by Nutwood	G. W. Wilson	San José.
Little Em, ——	J. O'Rourke	San Francisco.
Sam Louis, by Echo	C. David	Oakland.
Belmont Bay, by Nutwood	J. W. Donathan	Oakland.
Maud, by Bertrand Black Hawk	H. J. Agnew	San Francisco.
Killarney, by Black Ralph	P. Fitzgerald	Woodland.
Robert E, by McCracken's Black Hawk	P. W. Dudley	Oakdale.

Position at Starting.	*Positon at Close.*					
1. Shaker	Maud	2	1	3	1	1
2. Maud	Shaker	1	2	1	2	3
3. Prince	Prince	3	3	2	3	2

Time—2:26; 2:23½; 2:27; 2:24; 2:26.

RACE NO. 20—TROTTING.

Purse, one thousand dollars. Two-year old Class. The following made second payment:

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Kismet, by Sultan	L. J. Rose	San Gabriel.
Apex, by Prompter	S. K. Trefry	Sacramento.
Paul Shirley, by Nephew	G. W. Trahern	Stockton.
Luella, by Sultan	Ira Ramsdell	Los Angeles.

Walkover for Apex and Luella.

SPECIAL TROTTING, TO BUGGY.

Prize harness by W. T. Dorrance, of Stockton, for district horses not having a record better than 3:00.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Jas. G. Blaine	F. S. Hatch	Stockton.
Jenny Lind	R. E. Stowe	Stockton.
Maud W W W	W. W. Worthing	Stockton.
Robert (formerly Daig)	R. W. Henderson	Stockton.

Position at Starting.	*Position at Close.*
1. Jenny Lind	Jenny Lind 1
2. Jas. G. Blaine	Jas. G. Blaine dis.

Time—2:43.

TRANSACTIONS

OF THE

THIRD DISTRICT AGRICULTURAL ASSOCIATION

For the Year 1884,

Composed of the Counties of Butte, Colusa, and Tehama.

OFFICERS OF THE ASSOCIATION.

C. C. MASON ..... President.
R. DILLER ..... Secretary.
CHAS. FAULKNER ..... Treasurer.

DIRECTORS.

C. F. FOSTER ..... Red Bluff, Tehama County.
A. B. COLLINS ..... Chico, Butte County.
U. S. NYE ..... Willows, Colusa County.
WM. HAWKINS ..... Chico, Butte County.
JAMES SHELTON ..... Paskenta, Tehama County.
J. W. B. MONTGOMERY ..... Cana, Butte County.
L. H. McINTOSH ..... Chico, Butte County.
C. C. MASON ..... Chico, Butte County.

REPORT.

CHICO, December 1, 1884.

To the honorable the State Board of Agriculture:

GENTLEMEN: The Directors of the Third District Agricultural Association submit this, their report of the transactions of said association, for the year ending this date.

ROLAND DILLER, Secretary.

RECEIPTS AND EXPENDITURES.

Receipts.

To balance on hand last report	$33 50	
Received from park (admission tickets)	845 00	
Received from pavilion (admission tickets)	811 00	
Received from park for license	630 00	
Received from subscriptions	1,157 50	
Received from entrance money—horses	915 00	
Received from advertisements (premium book)	140 50	
Received from State appropriation	1,500 00	
		$6,032 50

Expenditures.

By amount paid National Trotting Association	$56 00	
By amount paid office expenses	268 25	
By amount paid park expenses	519 25	
By amount paid pavilion expenses	194 50	
By amount paid for band	130 00	
By amount paid for ribbons	17 90	
By amount paid for printing	220 00	
By amount paid for discount on warrant	45 00	
By amount paid for ladies' tournament	80 00	
By amount paid for rent of park	600 00	
By amount paid for rent of pavilion	250 00	
By amount paid for purses	2,570 00	
By amount paid for premiums	1,041 00	
By amount on hand	40 60	
		$6,032 50

PREMIUMS AWARDED—1884.

FIRST DEPARTMENT.

Live Stock.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
CLASS II—GRADED HORSES—STALLIONS.				
Best three-year old and over	J. T. McIntosh	Chico	Singleton	$15 00
Second best	H. Melvy		Tambeline	$4 00
Best two-year old	C. H. Merrill	Willows	Maj. Mount	$7 50
Second best	Marion Biggs	Biggs	Tashaw	$2 00
Best yearling horse colt	J. T. McIntosh	Chico	St. James	$5 00
MARES.				
Best two-year old	C. H. Merrill	Willows	Belle A	$7 50
CLASS III—HORSES OF ALL WORK—STALLIONS.				
Best three-year old and over	J. T. McIntosh	Chico	La Harpe	$10 00
Second best	C. H. Merrill	Willows		$3 00
MARES OF ALL WORK.				
Best three-year old and over	J. T. McIntosh	Chico	Renne	$7 50
Second best	W. C. Swerford		Belle	$2 00
CLASS IV—DRAFT HORSES—STALLIONS.				
Best three-year old and over	H. A. Rawson		Emperor	$10 00
CLASS V—ROADSTERS—STALLIONS.				
Best three-year old and over	J. D. Endicott		May Boy	$10 00
Second best	G. Laroux		Rusher	$3 00
Best two-year old and over	W. M. Billups	Colusa	Cal. Piedmont	$7 50
GELDINGS.				
Best roadster	J. T. McIntosh	Chico	Telegraph	$7 50
Second best	G. Laroux		Rolla	$2 50

MARES.				
Best three-year old and over	M. Biggs	Biggs	Fawn	$10 00
Second best	J. T. McIntosh	Chico	Sallie McKim	$3 00
Best two-year old and over	C. L. Denman	Chico	Starlight	$7 50
Second best	C. Sherman	Chico	Maud Sherman	$2 00
CLASS VI.				
Best carriage horse	L. H. McIntosh	Chico	Hettie	$7 50
Second best	L. H. McIntosh	Chico	Lottie	$2 00
CLASS VII—ROADSTER TEAMS.				
Best double team	C. C. Mason	Chico	Roscoe and Romeo	$10 00
Second best	J. D. Endicott		Harry W	$3 00
CLASS VIII—SADDLE HORSES.				
Best saddle horse	W. M. Billups	Colusa	Bridgeford	$5 00
CLASS IX—COLTS.				
Best yearling colt	J. T. McIntosh	Chico	St. James	$7 50
Second best	C. H. Merrill	Willows	Climax	$2 00
Best suckling horse colt	Fred. Ackerman	Chico	Herman	$5 00
Best suckling mare colt	H. Melvy		Dora	$5 00
Second best	Geo. Laroux		Nellie Belle	$1 00
Lowest grade horses	George Burk	Chico	Johnny	$5 00
CLASS X—SWEEPSTAKES.				
Best stallion of any age	W. R. Merrill	Willows	Tilton Almont	$25 00
Best stallion with family of five colts	W. R. Merrill	Willows	Tilton Almont	$20 00
CLASS XI.				
Special premium for best Singleton or La Harpe colts	C. L. Denman	Chico	Starlight	$25 00
CLASS XII—JACKS AND MULES—JACKS.				
Best two-year old and over	D. M. Hooper	Chico	Ringgold	$10 00
Second best	D. M. Hooper	Chico	Black Rock	$3 00
JENNETS.				
Best jennet	John Gimble		Mary Ann	$5 00
CLASS I—CATTLE—JERSEYS.				
Best three years old and over	A. B. Collins	Chico	Flora	$15 00
Second best three years old and over	A. B. Collins	Chico	Blackey	$3 00

FIRST DEPARTMENT—Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
Best two years old	A. B. Collins	Chico	Mabel	$10 00
Best yearling	A. B. Collins	Chico	Jessie	$7 50
Best calf	A. B. Collins	Chico	Mabel 2d	$5 00
Second best calf	A. B. Collins	Chico	Lucy	$1 00
BULLS.				
Best bull, three years old and over	A. B. Collins	Chico	Prince	$15 00
HERDS.				
Best herd	A. B. Collins	Chico	Prince and four cows	$20 00
AYRSHIRES.				
Best three years old and over	T. P. Hendricks	Chico	Cricket	$15 00
DURHAM—BULLS.				
Best bull, three years old and over	D. M. Reavis	Chico	Twilight	$15 00
Best bull, one year old and over	D. M. Reavis	Chico	Compton	$7 50
COWS.				
Best cow, three years old and over	D. M. Reavis	Chico	Belle of Chico	$15 00
Second best cow, three years old and over	D. M. Reavis	Chico	Jennie McLean	$4 00
CALVES.				
Best calf	D. M. Reavis	Chico	Lillie	$5 00
Second best calf	D. M. Reavis	Chico	Antone	$1 00
CLASS III—SWINE.				
Best Poland boar	B. F. Allen	Chico		$8 00
Best Poland sow	B. F. Allen	Chico		$5 00
Best five pigs under six months old	B. B. Bliven	Chico		$5 00
Best Berkshire boar	F. Morehead	Chico		$8 00
Best Berkshire sow	B. B. Bliven	Chico		$5 00
Second best Berkshire sow	F. Morehead	Chico		$1 00
Fattest and finest pig	F. Morehead	Chico		$5 00
POULTRY.				
Best pair Light Brahmas	A. B. Collins	Chico		$2 50
Best Light Brahma cock	A. B. Collins	Chico		$2 00

Best pair Black Cochins	A. B. Collins	Chico	$2 50
Best Plymouth Rock chicks	A. B. Collins	Chico	$2 50
Best pair White Crested Black Polish	A. B. Collins	Chico	$2 50
Best exhibit of five varieties	A. B. Collins	Chico	$10 00
Best pair Dominiques	C. C. Goree	Chico	$2 50
Best pair Muscovy ducks	J. W. Paden	Chico	$2 00
Best Bronze turkey	E. T. Elkins	Chico	$5 00
Best turkey gobbler	Geo. Cleveland	Chico	$2 00
Best pair White Cochins	Matilda J. Clark	Nelson	$2 50
Best pair Golden Crested Polish	Matilda J. Clark	Nelson	$2 50
Best pair White Pile Game	John Wolf	Chico	$2 50
Best pair Red and Black Game	John Wolf	Chico	$2 50
Best pair Brown Leghorns	George Warfield	Chico	$2 50

SECOND DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I—AGRICULTURAL MACHINERY, ETC.			
E. W. Melvin	Sacramento	Best exhibit washing machines	Diploma.
Harris & Ashmore	Chico	Best cream agitator	Diploma.
Hibbard & Sommers	Chico	Best family sewing machines	Diploma.
CLASS II—VEHICLES.			
A. Allen	Chico	Best two-seated open wagon	$10 00
W. H. Sherwood	Chico	Best display of eastern manufactured carriages and buggies	$10 00

THIRD DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I—TEXTILE FABRICS.			
Mrs. C. C. Goree	Chico	Best five pair knit socks	$1 00
Mrs. C. C. Salmon	Chico	Best pair knit wool wristlets	$1 00
Mrs. W. W. Hubbard	Chico	Best pair hand knit silk hose	$2 00
Mrs. C. C. Goree	Chico	Best stocking yarn	$2 00
Mrs. R. Seitz	Chico	Best pair knit cotton hose	$1 00
Mrs. E. T. Elkins	Chico	Best knit wool socks	$1 00
Mrs. L. Williams	Chico	Best hooked rug	$3 00
Mrs. J. T. McIntosh	Chico	Best knitted silk socks	$2 00
Mrs. S. S. Pentz	Pentz' Ranch	Best braided rugs	$2 00
Mrs. L. H. McIntosh	Chico	Best pair silk stockings	$2 00
Mrs. C. C. Salmon	Chico	Best pair knit wool mittens	$1 00
Mrs. J. L. Bowers	Chico	Best pair knit yarn gloves	$1 00
Mrs. H. McBride	Chico	Best rag carpet	$4 00
Mrs. Frank Kleiner	Chico	Second best	$2 50
CLASS II—NEEDLE, SHELL, AND WAX WORK.			
Mrs. Z. Moore	Chico	Best hair work	$2 00
Mrs. D. Winders	Chico	Best display of hair flowers	$2 00
Miss M. E. McIntire	Chico	Best wreath of worsted flowers	$2 00
Mrs. J. B. Clark	Chico	Best bouquet of paper flowers	$2 00
Mrs. D. S. Stauffer	Chico	Best display of feather flowers	$2 00
Mrs. Mary Sellig	Chico	Best shell work	$2 00
Mrs. B. F. True	Chico	Best embroidered picture	$2 50
Mrs. G. F. Jones	Chico	Best arrasine work	$2 00
Mrs. J. L. Bowers	Chico	Best needle worked picture	$1 00
Mrs. D. S. Stauffer	Chico	Best fancy picture frames	$2 00
Mrs. D. S. Stauffer	Chico	Best fancy workbox	$2 00
Mrs. Eliza Regan	Chico	Best patchwork quilt	$2 00
Mrs. T. B. Hart	Chico	Best worked quilt	$3 00
Mrs. J. L. Bowers	Chico	Best quilted quilt	$2 00
Mrs. A. T. Loccy	Chico	Best worsted quilt	$2 00
Mrs. Geo. F. Jones	Chico	Best crazy quilt	$2 00
Mrs. Mosher	Chico	Best silk quilt	$3 00
Mrs. J. Shannon	Chico	Best worsted lounge scarf	$2 00
Mrs. C. C. Salmon	Chico	Best woven bedspread	$2 00
Mrs. J. L. Bowers	Chico	Best knit bedspread	$3 00
Mrs. Levi Smith	Chico	Best crochet bedspread	$3 00
Mrs. Ella Paden	Chico	Best knitted lace	$2 00
Mrs. Frank Kleiner	Chico	Best knitted quilt	$1 00

THIRD DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Mrs. S. Schoonover	Chico	Best knit collar	$2 00
Mrs. R. Seitz	Chico	Best display of tidies	$2 00
Mrs. T. B. Hart	Chico	Best cotton embroidery	$2 00
Mrs. D. H. Woods	Chico	Best linen embroidery	$2 50
Mrs. J. Shannon	Chico	Best outline embroidery	Dip. and $1 00
Mrs. F. Kleiner	Chico	Best hand-made pillow slips	$2 00
Mrs. S. S. Pentz	Pentz' Ranch	Best display of darned net	$2 00
Miss M. Goree	Chico	Best darned net pillow shams	$2 00
Mrs. Levi Smith	Chico	Best complete toilet set	$2 00
Miss Mabel Dorn	Chico	Best lambrequin	$2 00
Miss Eddy	Chico	Best four fancy twine baskets	$2 00
Mrs. B. F. True	Chico	Best toilet set	$2 00
Mrs. Geo. F. Jones	Chico	Best child's afghan	$2 00
Mrs. J. L. Bowers	Chico	Best lamp mat	$1 00
Mrs. J. Shannon	Chico	Best set table mats	$2 00
Mrs. J. Shannon	Chico	Best set table doily	$2 00
Mrs. L. H. McIntosh	Chico	Best needlework	$2 00
Mrs. J. W. Clark	Chico	Best worsted crochet tidy	$2 00
Mrs. J. Shannon	Chico	Best worsted crochet skirt	$2 00
Mrs. T. H. Barnard	Chico	Best crochet shawl	$2 00
Mrs. A. T. Locey	Chico	Best Honiton lace	$2 00
Miss D. Hendricks	Chico	Best complete toilet set	$2 00
Mrs. W. Z. King	Chico	Best crazy sofa cushion	$2 00
Mrs. J. Shannon	Chico	Best embroidery on canvas	$2 00
Miss A. Whitesides	Chico	Best raised or plush work	$2 00
Mrs. J. Shannon	Chico	Best crazy work	$2 00
Mrs. J. Shannon	Chico	Best piano stool cover	$2 00
Mrs. C. G. Warren	Chico	Best whisk broom holder	$2 00
Mrs. J. Shannon	Chico	Best whisk broom holder	$2 00
Mrs. C. G. Warren	Chico	Best Kensington emb. cushion	$2 00
Mrs. C. G. Warren	Chico	Best embroidered tablespread	$2 00
Mrs. C. Coggins	Chico	Best applique	$2 00
Mrs. J. Shannon	Chico	Best Kensington	$2 00
Mrs. G. F. Jones	Chico	Best chenille Kensington	$2 00
Mrs. G. F. Jones	Chico	Best silk embroidery	$2 00
Mrs. Mosher	Chico	Best table cover	$2 00
Mrs. Mosher	Chico	Best variety of artificial flow'rs	$2 50
Mrs. Mosher	Chico	Best display of feathers	Diploma.
Mrs. Mosher	Chico	Best display of millinery	Dip. and $5 00

JUVENILE DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS II.			
Miss Matilda Moore	Chico	Best cotton quilt	$1 00
Miss Sarah Bateman	Chico	Best worsted embroidery	$1 00
Miss Eddy	Chico	Best silk embroidery	$1 00
Miss Emma Fox	Chico	Best bead chain	$1 00
Miss Emma Miller	Chico	Best crochet shawl	$1 00
Miss Hulda Moore	Chico	Best crochet work	$1 00
Miss M. Goree	Chico	Best pair knit wool stockings	$1 00
Miss Frankie Burk	Chico	Best crazy sofa cushion	$1 00

FOURTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
Thomas Walsh	Chico	Best set double carriage harness	$10 00
Thomas Walsh	Chico	Best set single carriage harness	$5 00
CLASS II.			
Hibbard & Sommers	Chico	Best display of scissors	Diploma.
Hibbard & Sommers	Chico	Best display of silverware	$5 00
C. Cramer	Chico	Display improv'd Chicago lamps	Diploma.
CLASS III.			
Mrs. T. P. Hendricks	Chico	Best gas stove	$5 00
CLASS IV.			
W. W. Hubbard	Chico	Best organ, made in the U. S.	$5 00
W. W. Hubbard	Chico	Best display of musical instr'mts	$10 00
J. V. Flint	Chico	Second best display	Diploma.
J. V. Flint	Chico	Best piano, made in the U. S.	$5 00
CLASS V.			
Fetters & Williams	Chico	Best display of furniture	$15 00
D. W. Barrett	Chico	Second best display	$5 00
Fetters & Williams	Chico	Best display of upholstery	Diploma.
CLASS VIII.			
G. W. Turner	Chico	Best hand-made hard soap	$2 00
G. W. Turner	Chico	Best hand-made soft soap	$2 00
Frank Kleiner	Chico	Best 14 varieties Calif'nia paints	Diploma.
CLASS XI.			
J. W. Henderson	Chico	Best collection of minerals illustrating geology of California	$5 00
J. W. Henderson	Chico	Best collection illustrating ornithology of California	$5 00
J. W. Henderson	Chico	Best collection natural fishes	$5 00
J. W. Henderson	Chico	Best collection of crystallized minerals of California	$5 00

FIFTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
John Bidwell	Chico	Best sack of flour	$3 00
George W. Warfield	Chico	Best sack of barley	$2 00
John Bidwell	Chico	Best sack of corn meal	$2 00
George W. Warfield	Chico	Best sack Salt Lake club wheat	$5 00
W. H. Farren	Tehama Co	Best sack of corn	Diploma.
W. H. Farren	Tehama Co	Best pop corn in ear	Diploma.
W. H. Farren	Tehama Co	Best tobacco plant	Diploma.
George W. Warfield	Chico	Best cotton plant	Diploma.
Mrs. J. F. Entler	Chico	Best ten pounds lard	$2 00
Charles Ball	Chico	Best evergreen millet	Diploma.
Charles Ball	Chico	Best evergreen millet seed	Diploma.
Snow & Craig	Chico	Best exhibit manufact'd tobacco	$5 00
CLASS II.			
W. H. Farren	Tehama Co	Best box of prolific potatoes	$2 50
W. H. Farren	Tehama Co	Best box of snowflake potatoes	$2 00

FIFTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
W. H. Farren	Tehama Co	Best half bushel sweet potatoes	$1 00
W. H. Farren	Tehama Co	Six marrow squashes, six cucumbers, six sugar beets, one box tomatoes	Special, $7 00
John Bidwell	Chico	Best table display of vegetables	$10 00
W. H. Kemp	Chico	Best table display of melons, corn, seeds, and fruit	Special, $5 00
CLASS III.			
Mrs. L. H. McIntosh	Chico	Best display of cut flowers	$2 50
Mrs. E. A. Pegden	Chico	Best display conservatory plants	$2 50
John Bidwell	Chico	Best collection of foliage plants	$5 00
CLASS IV.			
David Reid	Chico	Best two home-made cheese	$2 00
CLASS V.			
Mrs. J. E. Walker	Chico	Best raised biscuits	$1 00
Mrs. J. E. Walker	Chico	Best soda biscuits	$1 00
Mrs. J. E. Walker	Chico	Best domestic corn bread	$1 00
Mrs. J. E. Walker	Chico	Best domestic brown bread	$1 00
Mrs. J. E. Walker	Chico	Best display of domestic bread	$5 00
Mrs. N. D. Rose	Chico	Best loaf of salt rising bread	$1 00
T. B. Hart	Chico	Best four loaves bakers' bread	$1 00
T. B. Hart	Chico	Best one loaf bakers' rye bread	$1 00
T. B. Hart	Chico	Best loaf bakers' Graham bread	$1 00
T. B. Hart	Chico	Best bakers' raised biscuits	$1 00
T. B. Hart	Chico	Best display pastry and confectionery	$5 00
David Reid	Chico	Best six pounds butter in rolls	$2 00

SIXTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
John H. Guill	Chico	Best six varieties of apples	$2 00
John Bidwell	Chico	Best twelve varieties of apples	$5 00
John Bidwell	Chico	Best display of apples	$5 00
John H. Guill	Chico	Best six varieties of pears	$2 00
G. W. Turner	Chico	Best two varieties of pears	$1 00
John Bidwell	Chico	Best twelve varieties of pears	$5 00
John Bidwell	Chico	Best display of pears	$5 00
John H. Guill	Chico	Best six varieties of peaches	$3 50
John H. Guill	Chico	Best variety of peaches	$1 00
John Bidwell	Chico	Best display of peaches	$5 00
John H. Guill	Chico	Best variety of plums	$2 50
John Bidwell	Chico	Best display of plums	$2 00
John Bidwell	Chico	Best display of pomegranates	$3 00
John Bidwell	Chico	Best display of green figs	$2 00
John H. Guill	Chico	Best display of seedling fruits	$2 50
John Bidwell	Chico	Best display of fruit by producer	$5 00
John Bidwell	Chico	Best general display of canned fruit from Chico Cannery	$15 00
Horticultural Society	Chico	Best general display of fruit, vegetables, etc.	$50 00
CLASS II.			
Mrs. J. F. Entler	Chico	Best ten pounds honey	$2 00
Mrs. Levi Smith	Chico	Best three jars red currant jelly	$2 00

SIXTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Mrs. J. F. Entler	Chico	Best three jars white currant jelly	$2 00
Mrs. Levi Smith	Chico	Best three jars blackberry jelly	$2 00
Mrs. J. F. Entler	Chico	Best three jars strawberry jelly	$2 00
Mrs. J. F. Entler	Chico	Best three jars quince jelly	$2 00
Mrs. Levi Smith	Chico	Best three jars blackberry jam	$2 00
Mrs. A. L. Thiel	Chico	Best general display of fruit in glass	$2 50
Miss Clara Jones	Chico	Best general display of preserves in glass	$5 00
Mrs. A. G. Rose	Chico	Second best display	$3 00
W. H. Farren	Tehama Co.	Best display of pickles	$2 50
CLASS IV.			
Harrold Walker	Chico	Best case of dried figs	$2 00
John Bidwell	Chico	Best twenty-five pounds of dried apples	$2 00
John Bidwell	Chico	Best twenty-five pounds of dried plums	$2 00
John Bidwell	Chico	Best twenty-five pounds of dried apricots	$2 00
John Bidwell	Chico	Best twenty-five pounds of dried peaches	$2 00
John Bidwell	Chico	Best one half peck English walnuts	$2 00
John Bidwell	Chico	Best one half peck soft-shelled almonds	$2 00
John Bidwell	Chico	Best six varieties of table grapes	$2 00
John Bidwell	Chico	Best display of raisin grapes	$2 00
John Bidwell	Chico	Best display of grapes	$5 00

SEVENTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
Mrs. C. Coggins	Chico	Best display of oil paintings	$10 00
D. H. Woods	Chico	Best display of artists' exhibit	$10 00
R. Helms	Chico	Best display water colors (made outside district)	Diploma.
CLASS II.			
F. M. Rumble	Chico	Best exhibit of carriage painting	$5 00

MISCELLANEOUS DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Charles Henry	Chico	One case birds' eggs	$3 00
Geo. Batchelder	Chico	Collection of eggs	$1 00
C. W. McLennan	Chico	Two cases of eggs	$2 00
Mrs. E. T. Reynolds	Chico	Collection of shells	$5 00
Mrs. Briscoe	Chico	One case containing doll, etc.	Hon. mention.
J. L. Bowers	Chico	Beehive and comb foundation	Diploma.
G. L. Broadwater	Chico	Tool chest	Diploma.
Mrs. A. G. Rose	Chico	Table with lot of relics	Hon. mention.
Mrs. C. A. Warfield	Chico	Exhibit of parrot and doves	Hon. mention.

LADIES' TOURNAMENT.

Name.	Prize.	Award.
Amelia Moore	First prize	$30 00
Mrs. Trefrey	Second prize	$20 00
Mrs. Sheldon	Third prize	$15 00
Miss Anna B. Clark	Fourth prize	$10 00
Miss Eva Clark	Fifth prize	$5 00

SPEED PROGRAMME.

TUESDAY, SEPTEMBER 2, 1884.

RACE No. 1—TROTTING.

Purse, two hundred dollars. For two-year olds. One mile heats, best two in three, to harness and to rule. Premiums: First horse to receive one hundred and twenty dollars; second horse, sixty dollars; third horse, twenty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Belle A, by Tilton Almont	W. R. Merrill	Willows.
Cal. Piedmont, by Tilton Almont	W. M. Billups	Colusa.
Wallace G, by Tilton Almont	Wallace Garrett	Chico.
Geo. Wapple, by Brigadier	Chas. Sherman	Chico.
Pashaw, by Echo	Marion Biggs	Biggs.
Secretary, by Singleton	J. T. McIntosh	Chico.
Starlight, by Singleton	C. L. Denman	Chico.

Position at Starting.	*Position at Close.*	
1. Belle A	Belle A	1
2. Secretary	Secretary	2
3. Pashaw	Pashaw	3
4. Cal. Piedmont	Geo. Wapple	4
5. Geo. Wapple	Cal. Piedmont	dis.
6. Starlight	Starlight	dis.

Time—3:00; 3:01½.

RACE No. 2—TROTTING.

Agreed race. Purse, one hundred and fifty dollars. One mile heats, best three in five, to harness and to rule.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Fawn, by Yorktown	Marion Biggs	Biggs.
Telegraph, by Tilton Almont	J. T. McIntosh	Chico.

Position at Starting.	*Position at Close.*	
1. Telegraph	Telegraph	1
2. Fawn	Fawn	2

Time—2:43½; 2:43; 2:43.

WEDNESDAY, SEPTEMBER 3, 1884.

Race No. 3—Trotting.

Agreed trotting. Purse, two hundred and fifty dollars. For three-year olds. One mile heats, best two in three, to harness and to rule. Premiums: First horse to receive one hundred and fifty dollars; second horse, seventy-five dollars; third horse, twenty-five dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Chevalier, by Brigadier	Chas. Sherman	Chico.
Sallie McKim, by Prompter	J. T. McIntosh	Chico.
Tamerlane, by Buccaneer	Jas. Abrams	Chico.
Bob Ingersoll, by Buccaneer	Marion Biggs	Biggs.
——, ——	F. A. Shaeffer	Gridley.

Position at Starting.	*Position at Close.*	
1. Sallie McKim	Chevalier	1
2. Chevalier	Sallie McKim	2
3. Bob Ingersoll	Bob Ingersoll	3
4. Tamerlane (withdrawn)		

Time—3:00; 2:52; 3:00.

Race No. 4—Trotting.

Agreed trotting. Purse, one hundred and twenty dollars. For yearling colts owned in the district. One mile heat. Premiums: First horse to receive seventy-two dollars; second horse, thirty-six dollars; third horse, twelve dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Climax, by Tilton Almont	W. R. Merrill	Willows.
Maud Sherman, by Brigadier	Chas. Sherman	Chico.
St. James, by Singleton	J. T. McIntosh	Chico.

Position at Starting.	*Position at Close.*	
1. Maud S	Maud S	1
2. Climax	Climax	2
3. St. James	St. James	3

Time—3:32.

Race No. 5—Trotting and Pacing.

Purse, four hundred dollars. Agreed race for trotting and pacing. One mile heats, best three in five, to harness and to rule. Premiums: First horse, two hundred and forty dollars; second horse, one hundred dollars; third horse, sixty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Fred Ackerman, by Washington	J. T. McIntosh	Chico.
Prince, by Missouri Chief	S. C. Tryon	Sacramento.
Belle Spencer, by Black Ralph	E. V. Spencer	Susanville.
Robert E, by McCracken	P. W. Dudley	San José.

Position at Starting.	*Position at Close.*	
1. Belle Spencer	Prince	1
2. Prince	Ackerman	2
3. Ackerman	Belle Spencer	3
4. Robert E	Robert E	dis.

Time—2:26; 2:25½; 2:25.

THURSDAY, SEPTEMBER 4, 1884.

RACE NO. 6—TROTTING.

2:35 Class. Purse, three hundred dollars. One mile heats, best three in five, to harness and to rule. Premiums: First horse, one hundred and eighty dollars; second horse, ninety dollars; third horse, thirty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Happy Jim, by Brigadier	J. F. Shaeffer	Gridley.
Fawn, by Yorktown	M. Biggs	Biggs.
Loud, by G. M. Patchen	S. L. Daniels	Chico.
Ned Forrest, by Blackbird	D. M. Reavis	Chico.
Telegraph, by Tilton Almont	J. T. McIntosh	Chico.
Magdeline, by Pearley	D. C. Horton	San José.
Baby Mine, by Nephew	P. W. Dudley	San José.

Position at Starting.	*Position at Close.*	
1. Fawn	Baby Mine	1
2. Telegraph	Happy Jim	2
3. Happy Jim	Telegraph	3
4. Baby Mine	Fawn	4

Time—2:36½; 2:36¾; 2:34¾; 2:35¼.

RACE NO. 7—TROTTING.

Purse, one hundred and fifty dollars. For single road horses and buggy. One mile heats, best three in five, to harness and to rule. Premiums: First horse, ninety dollars; second horse, forty-five dollars; third horse, fifteen dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Lady Clark, unknown	Wm. Morgan	Oroville.
May Queen, unknown	P. Garrett	Chico.
Belle Kimball, unknown	W. A. Tetrean	Chico.
Sallie McKim, by Prompter	J. T. McIntosh	Chico.
Verona, unknown	H. C. White	Chico.

Position at Starting.	*Position at Close.*	
1. May Queen	May Queen	1
2. Lady Clark	Lady Clark	2
3. Verona	Verona	3

Time—2:49¾; 2:48; 2:48; 2:48.

FRIDAY, SEPTEMBER 5, 1884.

Race No. 8—Trotting.

Purse, two hundred and fifty dollars. For two-year olds owned in Third and Thirteenth Districts. One mile heats, best two in three, to harness and to rule. Premiums: First horse, one hundred and fifty dollars; second horse, seventy-five dollars; third horse, twenty-five dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Belle A, by Tilton Almont	W. R. Merrill	Willows.
California Piedmont, by Tilton Almont	W. M. Billups	Colusa.
Major Mount, by Tilton Almont	C. H. Merrill	Willows.
Apex, by Prompter	S. K. Trefrey	Sacramento.
George W, by Brigadier	Chas. Sherman	Chico.
Secretary, by Singleton	J. T. McIntosh	Chico.
Starlight, by Singleton	C. L. Denman	Chico.

Position at Starting.	*Position at Close.*	
1. George W	Apex	1
2. Belle A	Belle A	2
3. Apex	George W	3

Time—2:56; 2:42.

SATURDAY, SEPTEMBER 6, 1884.

Race No. 9—Pacing.

Purse, four hundred dollars. Mile heats, best three in five. To harness, and to rule. First horse, two hundred and forty dollars; second horse, one hundred and twenty dollars; third horse, forty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Prince, by Missouri Chief	S. C. Tryon	Sacramento.
Shaker, by Unknown	M. F. Odell	Sacramento.
Ackerman, by Washington	J. T. McIntosh	Chico.
Robert E, by McCracken	P. W. Dudley	San José.

Position at Starting.	*Position at Close.*	
1. Robert E	Prince	1
2. Prince	Ackerman	2
3. Ackerman	Robert E	dis.
4. Shaker (drawn)		

Time—2:29; 2:29; 2:30½.

TRANSACTIONS

OF THE

FOURTH DISTRICT AGRICULTURAL ASSOCIATION

For the Year 1884,

Composed of the Counties of Sonoma, Marin, Solano, and Napa.

OFFICERS OF THE ASSOCIATION.

JAMES McM. SHAFTER ..... President.
WILLIAM E. COX ..... Secretary.
LEE ELLSWORTH ..... Treasurer.

DIRECTORS.

A. P. OVERTON ..... Santa Rosa.
T. H. INK ..... St. Helena.
J. McM. SHAFTER ..... Olema.
H. MECHAM ..... Petaluma.
JAMES SAMUELS ..... Healdsburg.
S. S. DRAKE ..... Vallejo.
WM. T. COLEMAN ..... San Rafael.
C. F. D. HASTINGS ..... Suisun.

REPORT.

PETALUMA, December 31, 1884.

To the honorable the State Board of Agriculture:

GENTLEMEN: The Directors of the Fourth District Agricultural Association submit this, their report of the transactions of said association, for the year ending this date.

W. E. COX, Secretary.

RECEIPTS AND EXPENDITURES.

Receipts.

Received from sale of certificates of membership	$10,000 00	
Received from sale of tickets	3,586 40	
Received from entrance fees	3,300 00	
Received from privileges	2,301 15	
Received State Controller's warrant	1,500 00	
Received from sale of grand stand tickets	924 50	
Received from cancellation warrants	225 00	
Received from hacks and 'buses	136 00	
Received from sale of hay and straw	123 00	
Received from purse returned	93 75	
Received from house rent	70 00	
Received from old fair grounds	61 30	
Received from sale of track badges	11 50	
Received from premium returned	6 00	
		$22,332 60
Overdraft		3,787 72
		$26,120 32

Expenditures.

By overdraft December 1, 1883	$2,132 74	
Paid bills payable	10,000 00	
Paid purses	6,071 95	
Paid labor	2,211 98	
Paid premiums	1,813 50	
Paid lumber	994 37	
Paid hay and straw	819 99	
Paid printing	371 00	
Paid entrance returned	315 00	
Paid water	200 00	
Paid blacksmithing	164 10	
Paid horse feed	154 55	
Paid music	140 00	
Paid hardware	113 08	
Paid insurance	90 00	
Paid plumbing	78 43	
Paid decorations	59 65	
Paid National Trotting Association	56 00	
Paid attorney fees	50 00	
Paid interest on overdraft	48 40	
Paid stationery and stamps	41 05	
Paid paint	34 70	
Paid harness	33 50	
Paid drayage	26 25	
Paid flags	25 60	
Paid annual address	25 00	
Paid Marshal's expenses	15 00	
Paid field glass	15 00	
Paid whitewash brushes	11 80	
Paid hand rail	7 68	
		$26,120 32
By overdraft		$3,787 72

ANNUAL ADDRESS.

DELIVERED AT PETALUMA, AUGUST 28, 1884, BEFORE THE FOURTH DISTRICT AGRICULTURAL ASSOCIATION, BY ALBERT G. BURNETT.

Mr. President, Ladies and Gentlemen: In the short address that I propose to deliver, I shall endeavor to emphasize these two propositions:

1. The cultivation of the soil is the most delightful occupation that can engage our efforts.

2. Our own district affords superior inducements to those desiring to follow the pursuit of agriculture.

I shall also attempt to call your attention to some of the advantages that these annual fairs afford, and, to be in fashion, I may indulge my propensity to give some advice, which is always in order, and which no one is expected to heed. These propositions that I have stated, are very simple, and yet I venture to say that they are not fully appreciated even by our own community. If we were to judge by the conduct of many of the young people who seem so anxious to exchange their country homes for city life, we would necessarily conclude that the farm is a place for toil, anxiety, and restraint, instead of the habitation of ease, comfort, freedom, and health, as we have been induced to consider it. It is surprising that the young men who have been reared on the farm, should be ambitious to decorate by their manly presence, the street corners of our cities, or to measure their lives by bolts and yards of calico. I would not, intentionally, say anything in derogation of the importance of cultivating a taste for the beautiful, neither would I discourage any one in his efforts to excite admiration by displaying his superior physical attractions, but still, I insist that it is inexplicable that the charms of the city should be sufficiently potential to attract the boys and girls from the firesides of the country. I believe that we have a right to affirm that the farm ought to be the most attractive place in the world. No doubt it is frequently made unendurable to the sensitive soul, because no effort is made to satisfy and stimulate the aspirations for those intellectual refinements that are the boast of our modern civilization. It is not to be expected that the necessary labor of farm life will be neglected. But the farmers ought to realize that their children have intellectual, moral, and social faculties that require encouragement and development. If the farm does not afford the means for enjoyment and improvement adequate to the demands of our natures, they will be sought elsewhere.

While it is true that many of our agriculturists are not fully alive to the importance of surrounding their homes with the comforts and luxuries that are within the reach of energy and perseverance, and while farm life is too often the synonym for unrequited toil and harrowing discontent, yet I presume it will not be disputed that the influences belonging particularly to the occupation to which I have referred are exceedingly favorable for the development of vigorous

and noble specimens of manhood and womanhood. Even if the boys do eat their mashed potatoes with a knife and wear high-heeled boots, their circumstances, if they but appreciate them, give them a great advantage over those "cooped up" in our towns and cities. There is no reason why, unless it be the parsimony and ungenerous greed of mistaken economy, that everything calculated to contribute to success and happiness should not be welcomed to the homes of our farmers. And it is a duty incumbent upon us all, not only to do our utmost to set forth properly the advantages of the farm, but also to add to those advantages by all the means within our power.

Instead of the prevalent disposition to seek the city, our young people ought to be drawn irresistibly to the country. There ought to be a greater respect, a more ardent love for the occupation of "tilling the soil." Who has a better opportunity than the farmer of seeing and enjoying nature in all its pleasing aspects? Who can better appreciate the force of the poet's sentiment: "To him who, in the love of nature, holds communion with her visible forms, she speaks a various language. For his gayer hours she has a voice of gladness and a smile and eloquence of beauty, and she glides into his darker musings with a mild and healing sympathy that steals away their sharpness, ere he is aware."

But it is a work of supererogation to argue that which you all admit. I simply desire to fortify the minds of the young ladies and gentlemen present against the seductive influence of that idea so prevalent in some localities, that those who remain on the farm are placed at a disadvantage in the great struggle of life.

I want now to call your attention to the second proposition that I stated in the beginning. Statistics are but a feeble indication of the present and an unsatisfactory promise of the future, but as a text for a partial development of the position assumed, let me refer you to a few facts about a part only of this Fourth Agricultural District. I use this county principally as an illustration. What I say in regard to its prosperity will apply with equal force to other portions of the district. According to the census of 1880, the entire population of Sonoma County was 25,926; we are credited with 2,229 farms; 493,370 acres of improved lands; the farms, fences, and buildings are valued at $16,950,760, farming implements and machinery at $344,433, live stock at $1,578,368. The previous year there were produced in this county 256,007 bushels of barley, 152 bushels of buckwheat, 158,829 bushels of corn, 68,685 bushels of oats, 4,058 bushels of rye, 742,123 bushels of wheat, $168,767 worth of orchard products, 47,121 tons of hay, 66,250 pounds of hops, 682,028 bushels of potatoes, and 320 bushels of sweet potatoes. In addition to this imperfect inventory of our wealth, we are credited with 212 manufacturing establishments, involving a capital of $1,140,695. With the wine, wool, stock, and dairy interests, aggregating thousands of dollars yearly, we may justly infer that our claim to be a prosperous community will be recognized by those who are sufficiently interested to compare our condition with that of other localities, and who have sufficient intelligence to discriminate in favor of a soil that responds to the homage of industry with a never failing harvest of plenty, and of a climate that makes it possible for us to compete, in the variety and quality of our products, with the same extent of territory in any part of the world.

That the men of strength and energy in almost any part of the

United States can obtain a fair return for their toil and capital; that all over our beautiful country the conditions are favorable for financial success and for moral and social life, is not simply a borrowed expression appropriated through the force of custom to do service upon the present occasion, but we all recognize it as the plain and simple language of truth and soberness. However, according to the dispassionate judgment of those who are qualified to decide, no place can offer greater inducements to those desiring to locate where life may be enjoyed, than can this part of the Golden State. While it may not be commendable to make invidious comparisons, nor to feel unduly elated because fortune has smiled upon us, yet we may find it beneficial to go away from home occasionally to mingle with other people and to become somewhat familiar with other scenes and surroundings. Thereby we shall be better prepared to estimate properly the blessings that greet us every day at our very doors. Those who have lived here and have gone away, either to visit or to remain, have almost invariably returned sooner or later, with the conviction firmly established that there are sufficient advantages here to render it unnecessary for any one to seek elsewhere for that comfort, prosperity, and happiness which we are all striving to obtain.

If we declare the truth when we affirm that our soil is fertile and unexcelled, the climate is mild and delightful, the scenery is varied and beautiful, the condition of society is exceptionally good, and that all of our industrial interests are prosperous, we may be pardoned, certainly, if we appear somewhat proud of our possessions; we shall not be condemned if we manifest an unusual interest in such an exhibition of our resources as we are permitted to behold to-day. It may fairly be questioned, notwithstanding the varied means of information, whether even our own people be conscious of the vast stores of wealth that lie concealed in our soil, waiting the hand of industry to develop them. We know that away from home very erroneous ideas are entertained concerning us.

Last Summer, while visiting in our sister State, on the north, I frequently expressed my admiration for the verdant fields, the limpid streams, the magnificent forests, and the pleasing alternation of mountain and valley, always present there to charm the eye of the beholder. I witnessed, with pleasure, the evidences of progress on every hand. My friends said that when they were connected by iron bands with the East and with California, the State of Oregon would begin, with great promise, the race for that distinction among the States to which she is naturally entitled. While acknowledging that her resources are inexhaustible, and that her prospects are undimmed by any indication of adversity, I mildly suggested that the prevalent opinion of the superabundance of rain in Oregon would have a tendency to enable California to maintain for all time to come her acquired superiority in population and wealth. They assailed my intimation with good-natured raillery, and declared that an occasional superfluity of rain is decidedly preferable to our periodical droughts. From the opinions of those living at a distance you would conclude that our State is at times a veritable Sahara. They do not appear to realize or to know that there is a county here large enough for an empire, in whose history a failure of cereals is a thing entirely unknown. Nor do they apparently understand that if other parts of the State were to fail to produce a single vegetable product, we could, from our abundance, easily supply all the physical wants of our

people. Is it not a duty we owe to society to disseminate accurate information concerning our resources? And is it not true that a great responsibility rests upon those who are engaged in agricultural pursuits, and upon whom, largely, depends the future of a region so liberally endowed by nature? Ought they not to avail themselves of every opportunity that will contribute to their store of knowledge, and that will assist them in properly discharging their trust?

With these considerations in view, the Directors of the Fourth District Agricultural Association have made ample provision and have offered generous inducements for the exhibition of the best products of our labor. That they have acted wisely in voluntarily submitting to the trouble and expense incident to such a magnificent undertaking, no one can seriously call in question. These annual gatherings, composed as they are of the thinking and progressive representatives of the industrial pursuits, are a factor of incalculable importance in that education of the people which our own necessities and the demands of this age require. The advantage of these fairs must be obvious to every reflecting mind, and certainly in no part of the world do they promise more than in California, and in no part of California, perhaps, do they accomplish as much as in our own district. Besides exhibiting the choice fruits of our toil, and indicating in a vivid manner our possible achievements, the influence upon the minds of those more directly interested that these fairs exert to produce energy, awaken enthusiasm, and to inspire to a higher conception of duty, cannot be overestimated. We behold here a monument of the wisdom and sacrifice of those who believe that where "there is the most of life there is the victory." The public sentiment that encourages and sustains these annual displays, these friendly contests of skill and strength, indicates in what high repute the sterling qualities of a vigorous individual and national life are held. They lead us to believe that the majority of our citizens are profoundly convinced that every man is under a solemn obligation, in whatever sphere of life he moves, and with whatever endowments nature has enriched him, to manifest the greatest activity possible in the service of his fellow man, and to feel the greatest interest in the physical, intellectual, and moral education of our race. The efforts of the Directors and friends of this association assure us that mediocrity finds no encouragement here, and that we are willing to do what we can to bring prominently into view the inducements that California is able to offer those desiring prosperous and happy homes.

But however advantageous to a community such a fair as this may be, we shall not be benefited to any great extent individually, unless we place ourselves in the attitude of learners. Not only a willingness to impart what information we can, but a disposition to interrogate every suitable person, and to avail ourselves of every opportunity for a contribution to our mental possessions, should be displayed upon an occasion like this. We ought to feel that we do not discharge our obligations to God and to society unless we use that which has been committed to our control in accordance with our best judgment, unless we act in harmony with the spirit of progress and inquiry, and are willing to receive light from whatever source it may emanate. These exhibitions of the superior skill of our people and of the varied products of our soil, every citizen ought to attend, not simply to gratify idle curiosity, but for the purpose of coming into contact with

earnest men, and to derive new inspiration for the labors of every day life.

No doubt we are indebted to the centuries of the past for much that is valuable to our social and political life, but from the superior agricultural implements, the extraordinary diversity of industrial products, the multiplicity of labor-saving contrivances, the wonderful explorations of the laws and mysteries of nature that have characterized this age, we must conclude that humanity has begun a new existence, and that, in order to maintain an honorable position in society, we must counsel with the ever-living present, and not refuse to adopt what the experience of others recommends as worthy of trial and confidence. We may entertain the highest respect for opinions that have come down to us from antiquity, and for methods of industry that are the heirloom of the ages, but in order to reap a measure of success commensurate with our ability we must recognize the fact that this is a progressive age, with new ideas, with bold methods and original purposes. It is a sufficient cause for congratulation that a belief in the necessity of culture to prepare the individual for agricultural pursuits has become almost universal. And as an evidence of modern progress, we may refer to the establishment and support of schools splendidly equipped and with able instructors, devoted exclusively to the interests of the soil. That no special instruction is needed for that pursuit upon which we are all so dependent, is accepted as the gibberish utterance of a spirit of inanition and decadence to which all progress and improvement are hostile. The farmers are fortunately beginning to realize the importance, not only of striving to avail themselves directly of the advantages of education, but also of demanding that recognition by the Government to which the importance of their calling entitles them. As a favorable omen for the future of our country, let us remember the attitude towards social and political questions that the agriculturists are beginning to assume. These "solid citizens," who are the bone and sinew of the land, are beginning to ask, as if they intended their petition to be heard, not only that a part of the immense revenue of this country shall be expended directly in their interests, but that the legislative and executive functions of the Government shall be exercised for their protection against the unjust exactions of large aggregations of capital and strong combinations of capitalists.

But our industrial classes, to succeed as they deserve, must learn the lesson of coöperation. They must learn to use their powerful influence in molding public sentiment, and in directing the legislation of the country. Heretofore, just prior to elections, they have been the recipients of much attention and flattery from prospective office-holders, but it is a truth generally recognized, that the claims of those representing the best interests are too frequently subordinated to the selfishness and rapacity of the unscrupulous minority. There must be something grievously wrong in society, when it is possible for an organization, whether called a board of trade, stock exchange, or designated by some other appellation, to absorb the profits of the producer, and to harass the consumer, without regard to the law of supply and demand. A writer in the North American Review has said, "The manufacture of prices, like other modern industries, is being concentrated into vast establishments which are passing under the rule of bosses and syndicates. The markets, like political parties, are run by the machine. The people are losing the power of making

prices, as well as nominations. The coffee market of the country has lately gone out of the region of unorganized supply and demand into the hands of a coffee exchange, with all the modern improvements for speculation. A price factory, to make quotations for butter and cheese, has just been established in New York. It deals in brokers' eggs as well as hens' eggs, and has all the approved facilities to enable it to count and sell chickens that are not yet hatched out of eggs that are not yet laid." To one not initiated into the sharp practice of these speculators, it would appear unjust for the producer to be placed at the mercy of these soulless organizations. According to the ideas of justice entertained by our fathers, those who toil ought to reap the rewards of their industry.

But in considering this as well as other subjects, we must not forget that we are living in a progressive age, and that the standard of ethics is a variable quantity. However, no one but a misanthrope would wish for a return of the good old days of fifty or a hundred years ago. While at that time there was a remarkable dearth of star route conspirators and impenitent market manipulators, yet it must be admitted that advancing civilization has brought with it advantages to all classes that make life worth more now than ever before in the history of the world. Although the great power of wealth in unscrupulous hands is too often used to retard the progress and jeopardize the interests of our industrial classes, yet the inventive genius of this age and the powers of the human mind have lightened the burdens and multiplied the comforts of the toiling millions of our race. Happy for us if our laboring classes accept with becoming grace the increased responsibilities, the more exacting requirements, the larger career of usefulness that the progress of the years will necessarily bring them.

The majority of our thoughtful men, those who are skillful in interpreting the logic of events, whose earnest attention has been devoted to the progress of society, with great unanimity declare that the race will not falter in its onward and upward career. It is the idlest speculation to attempt to portray, in all its details, the condition of those who shall be so fortunate as to live upon this little earth one hundred years hence. I say fortunate—why? Because every man is fortunate who has great opportunities, ample powers, generous inducements, potential impulses, capacious knowledge, especially if all these are enlisted in the accomplishment of noble purposes. Would it not be unfortunate for us to have lived a hundred years ago? How much valuable experience the world has had since our fathers laid the foundations of this government! How the horizon of the world's knowledge has been extended and what an impulse has been communicated to those agencies that distinguish man from the beasts of the field! But the succeeding age will be panoplied with a greater measure of power than this. So we conclude from an observation of the forces at work in society, and from the careful judgment of those whose opinions are entitled to respect. May our souls be attuned to the music of still higher progress, and may we be prepared for any responsibility that the future has in store for us.

PREMIUMS AWARDED—1884.

FIRST DEPARTMENT.

Live Stock.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
CLASS I—THOROUGHBRED HORSES.				
Best stallion, four years old or over	P. Carroll	Bloomfield	Ironclad	$20 00
Best stallion, two years old	S. B. Wright	Santa Rosa	Harry Peyton	$12 00
Best mare, four years old or over	P. Carroll	Bloomfield	Nellie	$15 00
Best mare, two years old	S. B. Wright	Santa Rosa	Lalla Rookh	$8 00
Best suckling colt	P. Carroll	Bloomfield	Sunday	$5 00
CLASS II—HORSES OF ALL WORK.				
Best stallion, four years old or over	Robert Crane	Santa Rosa	Silvertail Prince	$15 00
Best stallion, three years old	J. Russell	Lakeville	Duke De Chartres, Jr.	$12 00
Best stallion, two years old	P. McAuliff	Petaluma	Sonoma Boy	$8 00
Best stallion, one year old	L. A. Devota	Novato	Prince William	$6 00
Best mare, four years old or over	A. J. Mills	Lakeville	Jude	$12 00
Best mare, three years old	J. R. Rose	Lakeville	Norma	$9 00
Best mare, two years old	T. P. Winters	Petaluma	Florence	$7 00
Best mare, one year old	J. R. Rose	Lakeville	Phyllis	$9 00
Best suckling horse colt	Robert Crane	Santa Rosa	Model	$5 00
Best suckling mare colt	B. E. Harris	San Francisco	Sly Boots	$5 00
Best stallion and six colts	Petaluma Horse Breeder's Association	Petaluma	Crown Prince and six colts	Dip. and $15 00
CLASS III—FRENCH NORMAN DRAFT HORSES.				
Best stallion, four years old or over	Theodore Skillman	Petaluma	Tornado	$15 00
Best stallion, three years old	P. McAuliff	Petaluma	Young Duke	$12 00
Best stallion, two years old	William McLaughlin	Petaluma	Napoleon	$8 00
Best stallion, one year old	E. Fine	Petaluma	Young Rollins	$6 00
Best mare, four years old or over	A. J. Mills	Lakeville	Min	$12 00
Best mare, three years old	W. K. Rogers	Sonoma	Fanny	$9 00
Best mare, two years old	C. C. Champlain	Sonoma	Nellie	$7 00
Best mare, one year old	Robert Crane	Santa Rosa	Maud	$6 00

Best suckling horse colt	Robert Crane	Santa Rosa	Laurent	$5 00
Bost suckling mare colt	J. A. McNear	Petaluma	No name	$5 00
Best stallion and six colts	W. K. Rogers	Sonoma	Exchange and six colts	Dip. and $15 00
CLASS IV—CLYDESDALE, OR ENGLISH DRAFT HORSES.				
Best stallion, four years old or over	Clydesdale Breeder's Association	Petaluma	Pointsman	$15 00
Best stallion, one year old	M. V. Morin	Petaluma	Young Volloek	$6 00
Best mare, four years old or over	William Bihler	Lakeville	Doll	$12 00
Best mare, two years old	L. W. Walker	Petaluma	Jane	$7 00
Best suckling horse colt	William Bihler	Lakeville	Petaluma	$5 00
CLASS V—CALIFORNIA RAISED DRAFT STALLION.				
Best stallion, California raised	W. K. Rogers	Sonoma	Napa Chief	$10 00
CLASS VI—ROADSTERS.				
Best stallion, four years old or over	P. J. Shafter	Olema	Rustie	$15 00
Best stallion, three years old	F. Needham	Petaluma	Connemara	$12 00
Best stallion, two years old	Daniel Brown	Petaluma	Judge Overton	$8 00
Best mare, four years old or over	S. Sperry	Petaluma	Debonnair	$12 00
Best mare, two years old	William Bihler	Lakeville	Mattie	$7 00
CLASS VIII—CARRIAGE, SADDLE HORSES, AND JACKS.				
Best matched carriage team, sixteen hands high or over, owned and used as such by one person	Benjamin E. Harris	San Francisco	No names	$10 00
Best single buggy horse	H. P. Brainard	Petaluma	King	$5 00
Best saddle horse	Benjamin E. Harris	San Francisco	Leo	$5 00
Best jack	Sylvester Scott	Cloverdale	Blackbird	$8 00
Best jennet	Sylvester Scott	Cloverdale	Fanny	$5 00
CLASS IX—THOROUGHBRED CATTLE—DURHAMS.				
Best bull, four years old or over	Sylvester Scott	Cloverdale	Mazourkas	$20 00
Best bull, one year old	John Lynch	Petaluma	Marin Duke	$8 00
Best bull calf	John Lynch	Petaluma	Sonoma Chief	$5 00
Best cow, four years old or over	Sylvester Scott	Cloverdale	Alice Gray	$15 00
Best cow, three years old	Sylvester Scott	Cloverdale	Gem	$10 00
Best heifer, one year old	Sylvester Scott	Cloverdale	Lady Oxford	$5 00
Best heifer calf	Sylvester Scott	Cloverdale	Oxford Belle	$4 00
DEVONS.				
Best bull, four years old or over	J. R. Rose	Lakeville	Curly John	$20 00
Best bull, two years old	J. R. Rose	Lakeville	Long John	$10 00
Best bull, one year old	J. R. Rose	Lakeville	Short John	$8 00

FIRST DEPARTMENT--Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
Best bull calf	J. R. Rose	Lakeville	Cheap John	$5 00
Best cow, four years old or over	J. R. Rose	Lakeville	Ruby	$15 00
Best cow, three years old	J. R. Rose	Lakeville	Lola	$10 00
Best cow, two years old	J. R. Rose	Lakeville	Wildflower	$8 00
Best heifer, one year old	J. R. Rose	Lakeville	Roxy	$5 00
Best heifer calf	J. R. Rose	Lakeville	Lucilla	$4 00
Best herd of not less than six animals	J. R. Rose	Lakeville	Curly John and family	$15 00
ALDERNEYS.				
Best bull, four years old or over	F. C. DeLong	Novato	General Thomas	$20 00
Best bull, three years old	W. D. Bliss	Petaluma	William of Scituate	$15 00
Best bull, two years old	J. S. McCue	San Rafael	La Hiras Boy	$10 00
Best bull calf	Wm. D. Bliss	Petaluma	Nantasket	$5 00
Best cow, four years old or over	F. C. DeLong	Novato	Fashion	$15 00
Best cow, three years old	P. J. Shafter	Olema	Juliette	$10 00
Best cow, two years old	P. J. Shafter	Olema	Jeannette	$8 00
Best heifer, one year old	W. D. Bliss	Petaluma	Yolo	$5 00
Best heifer calf	F. C. DeLong	Novato	Celia	$4 00
Best herd of not less than six animals	F. C. DeLong	Novato	General Thomas and family	$15 00
AYRSHIRES.				
Best bull, four years old or over	George Bement	San Mateo	Archie	$20 00
Best bull, three years old	George Bement	San Mateo	Young Melancthon	$15 00
Best bull, two years old	George Bement	San Mateo	Hector	$10 00
Best bull, one year old	George Bement	San Mateo	San Mateo	$8 00
Best bull calf	George Bement	San Mateo	Clipper	$5 00
Best cow, four years old or over	George Bement	San Mateo	Lady Faxon	$15 00
Best cow, three years old	George Bement	San Mateo	Highland Mary	$10 00
Best cow, two years old	George Bement	San Mateo	Sybil	$8 00
Best heifer, one year old	George Bement	San Mateo	Marian	$5 00
Best heifer calf	George Bement	San Mateo	Sybilla	$4 00
Best herd of not less than six animals	George Bement	San Mateo	Archie and six cows	$15 00
HEREFORDS.				
Best bull, two years old	Captain William Kohl	Santa Cruz	Vanguard	$10 00
Best bull calf	Captain William Kohl	Santa Cruz	Duke of Normandy	$5 00
Best cow, three years old	Captain William Kohl	Santa Cruz	Violet 2d	$10 00
Best cow, two years old	Captain William Kohl	Santa Cruz	Tidy 10th	$8 00

Best heifer calf	Captain William Kohl	Santa Cruz	Mary 3d	$4 00
HOLSTEINS.				
Best bull, four years old or over	Mrs. E. D. Knolt	San Mateo	Anson	$20 00
Best bull calf	Mrs. E. D. Knolt	San Mateo	Logan	$5 00
CLASS X—GRADED CATTLE.				
Best bull, four years old or over	W. F. Bowman	Petaluma	Eureka Jake	$10 00
Best bull, one year old	A. C. Shelton	Petaluma	Billy Sharon	$4 00
Best bull calf	A. C. Shelton	Petaluma	Judge Tyler	$3 00
Best cow, three years old	W. F. Bowman	Petaluma	Lady Faunetta	$6 00
Best heifer, one year old	A. C. Shelton	Petaluma	Althea	$4 00
Best heifer calf	A. C. Shelton	Petaluma	Rosetta	$3 00
CLASS XI—THOROUGHBRED SHEEP.				
Best Spanish ram	E. W. Woolsey	Fulton		$8 00
Best five Spanish ewes	E. W. Woolsey	Fulton		$8 00
Best five Spanish ram lambs	E. Mills	Lakeville		$2 50
Best five Spanish ewe lambs	E. Mills	Lakeville		$2 50
Best Shropshire ram	R. H. Crane	Santa Rosa		$8 00
Best five Shropshire ewes	R. H. Crane	Santa Rosa		$8 00
Best Southdown ram	R. H. Crane	Santa Rosa		$8 00
Best five Southdown ewes	R. H. Crane	Santa Rosa		$8 00
Best five Southdown ram lambs	R. H. Crane	Santa Rosa		$2 50
Best five Southdown ewe lambs	R. H. Crane	Santa Rosa		$2 50
CLASS XII—SWINE.				
Best Berkshire boar	V. Sartori			$8 00
Best Berkshire sow	P. J. Shafter	Olema		$5 00
Best Poland-China boar	R. H. Crane	Santa Rosa		$8 00
Best Poland-China sow	R. H. Crane	Santa Rosa		$5 00
Best five pigs of any kind	P. J. Shafter	Olema		$5 00
CLASS XIII—PURE BRED POULTRY.				
Best pair Cochins	Mrs. William Hill	Petaluma		$2 00
Best pair Plymouth Rocks	S. Shaver	Petaluma		$2 00
Best pair White Leghorns	J. Bowles	Petaluma		$2 00
Best pair Brown Leghorns	S. Shaver	Petaluma		$2 00
Best pair Black Breasted Games	T. B. Cary	Petaluma		$2 00
Best pair Brown Red Games	T. B. Cary	Petaluma		$2 00

SECOND DEPARTMENT.

AGRICULTURAL PRODUCTS.

Exhibitor.	P. O. Address.	Articles Exhibited.	Award.
CLASS I.			
Richard Crane	Santa Rosa	Best sack Australian wheat	$4 00
J. A. Cowles	Petaluma	Best sack oats	$4 00
Richard Crane	Santa Rosa	Best sheaf Australian wheat	$1 00
Richard Crane	Santa Rosa	Best sheaf Smith wheat	$1 00
Amos Jackson	Petaluma	Best sheaf Club wheat	$1 00
Amos Jackson	Petaluma	Best sheaf Propo wheat	$1 00
D. Gale	Petaluma	Best sheaf wheat, any variety	$1 00
C. S. Gibson	Petaluma	Best sheaf barley	$1 00
A. C. Shelton	Petaluma	Best sheaf oats	$1 00
Mrs. J. Purrington	Sebastopol	Best sack buckwheat	$2 00
Percival Brothers	Petaluma	Best sack wheat flour	Diploma.
Percival Brothers	Petaluma	Best sack buckwheat flour	Diploma.
Percival Brothers	Petaluma	Best sack corn meal	Diploma.
C. S. Gibson	Petaluma	Best sack flaxseed	$2 50
Mrs. J. Purrington	Sebastopol	Best exhibit leaf tobacco	$3 00
P. Mullally	Bloomfield	Best collection potatoes	$5 00
P. Mullally	Bloomfield	Best single variety potatoes	$2 00
Charles Pezolo	Petaluma	Best exhibit onions	$2 00
G. R. Perkins	Petaluma	Best exhibit squashes	$2 00
Mrs. J. Purrington	Sebastopol	Best exhibit beans	$2 00
John W. Todd	Petaluma	Best exhibit sugar beets	$1 00
Robert Crane	Santa Rosa	Best exh't mangelwurzel beets	$1 00
C. S. Gibson	Petaluma	Best six blood beets	$1 00
C. S. Gibson	Petaluma	Best exhibit rutabagas	$1 00
Robert Crane	Santa Rosa	Best exhibit turnips	$1 00
Geo. D. Green	Petaluma	Best exhibit corn on stalk	$1 00
Mrs. J. Purrington	Sebastopol	Best exhibit hops	$4 00
John W. Todd	Petaluma	Best exhibit cabbage	$1 00
Robert Crane	Santa Rosa	Best exhibit watermelon	$1 00
C. S. Gibson	Petaluma	Best exhibit muskmelon	$1 00
C. S. Gibson	Petaluma	Best exhibit cantaloupe	$1 00
Mrs. J. Purrington	Sebastopol	Best exhibit carrots	$1 00
John W. Todd	Petaluma	Best exhibit parsnips	$1 00
Mrs. J. Purrington	Sebastopol	Best exhibit pie plant	$1 00
Mrs. J. Purrington	Sebastopol	Largest and best display of products raised by one person on one farm	$10 00
Pomona Grange	Santa Rosa	Best display of one county	$25 00
CLASS II—FRUITS, GRAPES, NUTS, ETC.			
F. C. DeLong	Novato	Largest and best collection of fruits raised in one township	$20 00
Mrs. J. Purrington	Sebastopol	Second best collection of fruits raised in one township	$10 00
Mrs. J. Purrington	Sebastopol	Largest and best collection of fruits raised in one orchard	$10 00
F. C. DeLong	Novato	Best exhibit apples	$5 00
F. C. DeLong	Novato	Best single variety apples	$2 50
Pomona Grange	Santa Rosa	Best six varieties apples	$3 00
Mrs. J. Purrington	Sebastopol	Best collection pears	$5 00
F. C. DeLong	Novato	Best single variety pears	$2 50
Mrs. J. Purrington	Sebastopol	Best six varieties pears	$3 00
Mrs. F. F. Ennis	Petaluma	Best exhibit peaches	$2 00
Mrs. F. F. Ennis	Petaluma	Best exhibit plums	$2 00
George D. Green	Petaluma	Best exhibit apricots	$2 00
Mrs. J. Purrington	Sebastopol	Best six quinces	$2 00

SECOND DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Mrs. J. Purrington	Sebastopol	Best collection grapes raised in one vineyard	$10 00
Pomona Grange	Santa Rosa	Best exhibit foreign grapes	$5 00
Pomona Grange	Santa Rosa	Largest bunch of grapes	$2 00
George D. Green	Petaluma	Best exhibit figs	$2 00
CLASS III — PRESERVED FRUITS, ETC.			
Mrs. J. Purrington	Sebastopol	Best exhibit kiln dried fruits	$5 00
Mrs. F. F. Ennis	Petaluma	Best exhibit sun dried fruits	$5 00
Mrs. J. Purrington	Sebastopol	Best exhibit kiln dried apples	$2 00
Mrs. F. F. Ennis	Petaluma	Best exhibit sun dried apples	$2 00
Mrs. J. Purrington	Sebastopol	Best exhibit kiln dried peaches	$2 00
Mrs. F. F. Ennis	Petaluma	Best exhibit sun dried peaches	$2 00
Mrs. J. Purrington	Sebastopol	Best exhibit kiln dried plums	$2 00
Mrs. F. F. Ennis	Petaluma	Best exhibit sun dried plums	$2 00
Mrs. F. F. Ennis	Petaluma	Best exhibit dried plums seeded	$2 00
Mrs. J. Purrington	Sebastopol	Best exhibit raisins	$5 00
Mrs. Bartlett Cary	Petaluma	Best ex. canned fruits, five var.	$5 00
Mrs. Bartlett Cary	Petaluma	Best ex. jellies, five varieties	$4 00
Mrs. Bartlett Cary	Petaluma	Best ex. preserves, three var.	$3 00
Mrs. Bartlett Cary	Petaluma	Best ex. pickles, three varieties	$2 00
Miss Augusta Dahlman	Petaluma	Best ex. catsup, three bottles	$1 50
CLASS IV—BUTTER, CHEESE, AND BACON.			
A. Woodworth	Tomales	Best box fresh butter	$10 00
Robert Crane	Santa Rosa	Best hams, three or more	$3 00
Robert Crane	Santa Rosa	Best bacon, three or more	$3 00
CLASS V—WINES, CIDER, ALE, ETC.			
I. DeTurk	Santa Rosa	Best exhibit wines	Dip. and $20 00
G. W. Edleman	Petaluma	Best exhibit port wine	$4 00
I. DeTurk	Santa Rosa	Best exhibit red wine	$4 00
I. DeTurk	Santa Rosa	Best exhibit white wine	$4 00
G. W. Edleman	Petaluma	Best exhibit brandy	$4 00
F. C. DeLong	Novato	Best exhibit cider	$2 00

THIRD DEPARTMENT.

DOMESTIC MANUFACTURES.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I—MISCELLANEOUS.			
Preston & Palmer	Petaluma	Best exhibit furniture	$10 00
Preston & Palmer	Petaluma	Best exhibit upholstery	$7 50
W. H. Worth	Petaluma	Best exhibit iron castings	$4 00
W. H. Worth	Petaluma	Best exhibit brass castings	$4 00
M. Walsh	Petaluma	Best exhibit boots	$5 00
Mrs. G. Burdell	Petaluma	Best display samples silk culture, embracing eggs, worms, moths, and cocoons	Dip. and $2 50
C. L. Torr	Petaluma	Best exhibit woolen yarn	$2 00
C. L. Torr	Petaluma	Best exhibit woolen goods	Dip. and $10 00
C. L. Torr	Petaluma	Best pair blankets	$3 00
J. A. Cowen	Petaluma	Best exhibit book binding	Dip. and $2 00

THIRD DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
R. Looney	Petaluma	Best exhibit brooms	$2 00
T. A. Robinson	Santa Rosa	Best washing machine	$2 00
L. J. Johnson	Petaluma	Best model gate	$3 00
W. Warnekross	Petaluma	Best exhibit dentistry	Diploma.
Pomona Grange	Santa Rosa	Best exhibit pottery and earthware	$3 00
Pomona Grange	Santa Rosa	Best exhibit drain tiles	$3 00
Preston & Palmer	Petaluma	Best chairs	$3 00
S. E. Jameson	Petaluma	Best soap	Dip. and $5 00
Frank Meyer	Petaluma	Best mechanical skill by an apprentice	$2 00
Preston & Palmer	Petaluma	Best meat safe	$2 00
CLASS II—CARRIAGES, BUGGIES, AND WAGONS.			
Wm. Zartman & Co.	Petaluma	Best exhibit carriages, buggies, and wagons	$10 00
Wm. Zartman & Co.	Petaluma	Best open buggy	$8 00
Wm. Zartman & Co.	Petaluma	Best breaking cart	$4 00
D. W. C. Putnam & Co.	Petaluma	Best two-wheeled vehicle	$5 00
E. Hopes	Petaluma	Best spring wagon	$8 00
H. Pimm	Petaluma	Best carriage painting	$8 00
Gwinn & Northrup	Petaluma	Best carriage trimming	$8 00
R. Spotswood & Co.	Petaluma	Special premium for spring wagon	$8 00
CLASS III—SADDLERY AND HARNESS.			
Gwinn & Northrup	Petaluma	Best exhibit saddlery	Dip. and $15 00
J. A. Palmer	Petaluma	Second best exhibit saddlery	$7 50
Gwinn & Northrup	Petaluma	Best set double harness	$7 00
Gwinn & Northrup	Petaluma	Best set single harness	$5 00
Gwinn & Northrup	Petaluma	Best saddle	$4 00
CLASS IV—AGRICULTURAL IMPLEMENTS.			
W. H. Worth	Petaluma	Best cider mill and press	$5 00
W. H. Worth	Petaluma	Best wine press	Dip. and $5 00
W. H. Worth	Petaluma	Best horse power	$5 00

FOURTH DEPARTMENT.

FINE ARTS, PLANTS, AND FLOWERS.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I—PAINTING, ORNAMENTAL WORK, ETC.			
Mrs. N. W. Scudder	Petaluma	Best exhibit in Class I, manufactured by one person	$10 00
Miss W. H. Pepper	Petaluma	Best collection paintings	$5 00
Miss W. H. Pepper	Petaluma	Best specimen painting in oil, on canvas	$5 00
Miss W. H. Pepper	Petaluma	Best portrait painting in oil	$5 00
Mrs. N. W. Scudder	Petaluma	Best painting in water colors, on wood, silk, paper, or plush	$3 00
Miss W. H. Pepper	Petaluma	Best landscape painting	$5 00
Miss Carrie Denman	Petaluma	Best flower painting	$2 50

FOURTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Newton Tharp	Petaluma	Best animal painting	$2 50
Miss E. Hardin	Santa Rosa	Best porcelain painting	$3 00
Brainerd Jones	Petaluma	Best painting in india ink	$2 50
Miss E. Hardin	Santa Rosa	Best panel painting	$2 50
Mrs. N. W. Scudder	Petaluma	Best plaque painting	$2 50
Mrs. J. J. Buckius	Petaluma	Best Kensington painting	$2 50
Newton Tharp	Petaluma	Best specimen crayon drawing	$2 00
Newton Tharp	Petaluma	Best sketching from nature	$3 00
Mrs. H. L. Weston	Petaluma	Best Florentine modeling	$2 00
Mrs. J. M. Henderson	Santa Rosa	Best specimen penmanship	$2 00
Mrs. S. Sperry	Petaluma	Best specimen feather work	$2 00
Mrs. A. H. Patty	Petaluma	Best specimen shell work	$2 00
Mrs. Henry Baker	Santa Rosa	Best specimen bead work	$2 00
Mrs. A. H. Patty	Petaluma	Best specimen moss work	$2 00
Mrs. J. J. Buckius	Petaluma	Best specimen skeleton leaves	$2 00
Fred. Woodworth	Tomales	Best cabinet of minerals, petrifications, etc.	$5 00
CLASS II—EMBROIDERY, NEEDLE WORK, SEWING, KNITTING, ETC.			
Mrs. G. W. Graves	Petaluma	Best specimen needlework, not less than ten varieties	$10 00
Mrs. M. Cary	Petaluma	Best hand sewing	$3 00
Mrs. S. Shaver	Petaluma	Best hemstitching	$2 00
Mrs. E. Newburgh	Petaluma	Best exhibit family machine sewing	$3 00
Mrs. A. Lackey	Petaluma	Best silk embroidery, on silk or velvet	$3 00
Mrs. A. Lackey	Petaluma	Best worsted embroidery	$2 50
Miss Alice Kuffle	Petaluma	Best cotton embroidery	$2 00
Mrs. A. H. Patty	Petaluma	Best embroidery on lace	$2 00
Mrs. H. L. Weston	Petaluma	Best point lace work	$2 00
Mrs. E. Newburgh	Petaluma	Best Turkish embroidery	$2 00
Miss E. Hardin	Santa Rosa	Best etching	$2 00
Mrs. E. Newburgh	Petaluma	Best embroidered sofa cushion	$2 00
Miss E. Hardin	Santa Rosa	Best embroidered wall panel	$2 00
Miss E. Hardin	Santa Rosa	Best embroidered fire screen	$2 00
Miss E. Hardin	Santa Rosa	Best Kensington satin stitch-work, in chenille	$2 00
Mrs. G. W. Graves	Petaluma	Best Kensington work, in creuel	$2 00
Mrs. G. W. Graves	Petaluma	Best Kensington work, in silk	$2 00
Mrs. A. H. Patty	Petaluma	Best crochet work, in silk	$2 00
Mrs. C. C. Champlain	Sonoma	Best crochet work, in cotton	$2 00
Mrs. A. H. Patty	Petaluma	Best Portuguese lace	$2 00
Mrs. A. H. Patty	Petaluma	Best Spanish lace	$2 00
Mrs. T. McGuire	Petaluma	Best gimpuire lace	$2 00
Mrs. A. H. Patty	Petaluma	Best transferred work	$2 00
Miss Kate Zartman	Petaluma	Best macrome work	$2 00
Mrs. C. Northrup	Petaluma	Best crazy silk patchwork	$2 00
Miss A. Vestal	Petaluma	Best lambrequin	$2 00
Mrs. H. Baker	Santa Rosa	Best arrasene work	$2 00
Mrs. T. McGuire	Petaluma	Best ribbon work	$2 00
Miss E. Hardin	Santa Rosa	Best couching	$2 00
Mrs. C. Northrup	Petaluma	Best afghan	$2 00
Mrs. E. Newburgh	Petaluma	Best ottoman cover	$2 00
Mrs. H. L. Weston	Petaluma	Best crochet shawl	$2 00
Mrs. George W. Zartman	Petaluma	Best tatting	$1 00
Mrs. S. Shaver	Petaluma	Best netting	$2 00
Mrs. A. H. Patty	Petaluma	Best set darned netting pillow and sheet shams	$2 00
Mrs. A. B. Derby	Petaluma	Best hearth rug	$2 00
Mrs. A. H. Patty	Petaluma	Best pair stockings, woolen or cotton	$2 00
Mrs. A. H. Patty	Petaluma	Best pair silk stockings	$2 00
Mrs. A. H. Patty	Petaluma	Best piece fancy knitting	$2 00
Mrs. A. H. Patty	Petaluma	Best variety knitting	$2 00
Mrs. A. H. Patty	Petaluma	Best knit quilt	$2 00

FOURTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Mrs. M. E. Thompson	Petaluma	Best silk quilt	$2 00
Mrs. J. C. Scott	Petaluma	Best quilting	$2 00
Mrs. E. Newburgh	Petaluma	Best lady's dress	$3 00
Mrs. J. P. Twist	Petaluma	Best baby's dress	$2 50
Miss Augusta Dahlman	Petaluma	Best boy's suit	$3 00
Miss Augusta Dahlman	Petaluma	Best gent's shirt	$2 00
Mrs. Julia Ross	Petaluma	Best patchwork	$2 00
Mrs. C. W. Young	Petaluma	Best rag carpet	$4 00
Mrs. W. R. Overhalser	Petaluma	Best exhibit millinery	$7 50
Mrs. W. R. Overhalser	Petaluma	Best bonnet	$3 00
CLASS III—BREAD, CAKES, ETC.			
Mrs. M. E. Thompson	Petaluma	Best wheat bread	$3 00
Miss R. Haskins	Petaluma	Best Boston brown bread	$3 00
Mrs. J. J. Buckius	Petaluma	Best corn bread	$2 50
Miss Eva Cowles	Petaluma	Best fruit cake	$3 50
Mrs. C. C. Champlain	Sonoma	Best pound cake	$3 00
Mrs. C. C. Champlain	Sonoma	Best sponge cake	$2 50
Mrs. S. Q. Barlow	Petaluma	Best coffee cake	$2 00
Miss Augusta Dahlman	Petaluma	Best assortment tarts	$3 00
CLASS IV—PLANTS, BOUQUETS, ETC.			
W. A. T. Stratton	Petaluma	Best collection trees, shrubs, and flowering plants	$25 00
W. A. T. Stratton	Petaluma	Best exhibit semi-tropic fruit trees in fruit	$2 50
Mrs. J. J. Buckius	Petaluma	Best miniature garden of growing specimens	$5 00
W. A. T. Stratton	Petaluma	Best exhibit fuchsias, not less than 25 specimens	$2 50
W. A. T. Stratton	Petaluma	Best exhibit begonias, not less than 20 specimens	$2 50
W. A. T. Stratton	Petaluma	Best exhibit cut flowers, 200 specimens	$5 00
W. A. T. Stratton	Petaluma	Best exhibit dahlias, 100 specimens	$2 50
A. Averill	Petaluma	Best pair vase bouquets, dried flowers and grasses, natural colors	$2 00
W. A. T. Stratton	Petaluma	Best pair vase bouquets, dried flowers and grasses, dyed colors and natural mixed	$2 00

SWEEPSTAKES.

FREE FOR THE STATE.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
L. Chopard	Petaluma	Best exhibition silverware	$10 00
Preston & Palmer	Petaluma	Best exhibition furniture	$10 00
A. Warnekross	Petaluma	Best sewing machine for all purposes	Diploma.
Mrs. N. W. Scudder	Petaluma	Best collection paintings	$20 00
Miss W. H. Pepper	Petaluma	Second best collection paintings	$10 00
James Keanedlly	Petaluma	Best exhibit'n marbleized goods	Dip. and $5 00

CHILDREN'S DEPARTMENT.

FOR CHILDREN UNDER SIXTEEN YEARS OF AGE.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Miss Nannie May Lewis	Petaluma	Best plain sewing	$3 00
Carrie Shaver	Petaluma	Best needlework, three pieces	$5 00
Josephine Brown	Petaluma	Best worsted embroidery	$2 50
Georgie Darwin	Petaluma	Best crochet work	$2 00
Nellie Scott	Petaluma	Best tatting	$1 00
Nellie Scott	Petaluma	Best couching	$2 00
Carrie Shaver	Petaluma	Best transferred work	$2 00
Carrie Shaver	Petaluma	Best applique	$2 00
Emma Tupper	Petaluma	Best darning	$2 00
Linda Derby	Petaluma	Best etching	$2 00
Emma Brown	Petaluma	Best crazy patchwork	$2 00
Brainerd Jones	Petaluma	Best pencil drawing	$2 00
Minnie Scott	Petaluma	Best hair work	$2 00
Nellie Scott	Petaluma	Best wax work	$3 00
Libbie Barlow	Petaluma	Best penmanship	$2 00
Gussie Hasbrouck	Petaluma	Best white bread	$2 00
Gertie Hopkins	Petaluma	Best sponge cake	$2 00
Carrie Shaver	Petaluma	Best fruit cake	$2 00
Brainerd Jones	Petaluma	Best mechanical skill and workmanship	$2 50

SPEED PROGRAMME.

TUESDAY, AUGUST 26, 1884.

RACE No. 1—RUNNING.

Free for all. Dash of one mile. Purse, three hundred dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Aunt Betsey, by Hardwood; dam, Ringgold	J. W. Adams	
Forest King, by Monday; dam, Abbie W	S. J. Jones	Portland, Or.
Fanny Parnell, by Shannon; dam, Kitty Watson	J. W. Biggins	Sonoma.
Dairymaid, by Shannon; dam, by Lodi	G. Pacheco	Novato.
Stanislaus, by imp. Partisan; dam, by the dam of Modoc	Col. C. Dorsey	Oakdale.
Birdcatcher, by Specter; dam, by Young Melbourne	Col. C. Dorsey	Oakdale.
Trade Dollar, by Norfolk; dam, Eva Ashton	Delaney & Ayers	Sacramento.
Philip S, by Leinster; dam, Lily Simpson	Philip Siebenthaler	Sacramento.
Hirondelle, by Glenelg; dam, Lily Simpson	Rancho Del Paso	Sacramento.
Jou Jou, by Monday; dam, Plaything	William Kelly	San Francisco.

Position at Starting.	*Position at Close.*	
1. Philip S	Forest King	1
2. Jou Jou	Jou Jou	2
3. Stanislaus	Stanislaus	3
4. Forest King	Philip S	4
5. Birdcatcher	Birdcatcher	5

Time—1:43¾.

RACE No. 2—TROTTING.

2:40 Class. Purse, eight hundred dollars. Free for all. Mile heats; best three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
James H	George W. Bayliss	San Francisco.
Guy Wilkes, by George Wilkes; dam, Mambrino Patchen	San Mateo Stock Farm	San Mateo.
Blanche, by Gray McClellan; dam, by John Nelson	William Bihler	Petaluma.
Kitty Almont, by Tilton Almont; dam, Gracie, by Hamlet	James Corcoran	San Francisco.
Colonel Hawkins, by ———	J. D. Young	Sacramento.
Maud W, by unknown	A. F. Whitney	Prescott, Ar.

Position at Starting.	*Position at Close.*			
1. James H	Guy Wilkes	1	1	1
2. Kitty Almont	Colonel Hawkins	2	3	2
3. Colonel Hawkins	James H	3	2	3
4. Guy Wilkes	Kitty Almont	4 dis.		
5. Blanche	Blanche	dis.		

Time—2:26½; 2:22; 2:33¼.

WEDNESDAY, AUGUST 27, 1884.

RACE NO. 3—RUNNING.

District. Twenty-five dollars entrance; ten dollars forfeit; one hundred dollars added. Twenty-five dollars to second horse. One mile dash.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Lightfoot, by Wheatley; dam, Haddington mare	Samuel Clark	Bolinas.
Oriole, by Wheatley; dam, Black Maria	Charles Underhill	Santa Rosa.
Fanny Parnell, by Shannon; dam, Kitty Watson	J. W. Biggins	Sonoma.
Dairymaid, by Shannon; dam, by Lodi	G. Pacheco	Novato.
Garfield, by Langford; dam, by Lodi	G. Pacheco	Novato.
Estelle Clark, by Ironclad; dam, by Orphan Boy	H. Carrillo	Santa Rosa.

Position at Starting.	*Position at Close.*	
1. Garfield	Garfield	1
2. Estelle Clark	Estelle Clark	2

Time—1:48.

RACE NO. 4—TROTTING.

2:22 Class. Purse, one thousand dollars. Free for all. Mile heats. Best three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Allen Roy, by Patchen Vernon	J. W. Donathan	Oakland.
Albert W, by Electioneer; dam, by John Nelson	A. Waldstein	San Francisco.
Arab, by Arthurton; dam, by Lady Hamilton	E. N. Fry	San Francisco.
Manon, by Nutwood	J. A. Goldsmith	Oakland.

Position at Starting.	*Position at Close.*					
1. Manon	Manon	1	2	1	2	1
2. Albert W	Albert W	2	1	2	1	2

RACE NO. 5—TROTTING.

District 2:40 Class. Purse, four hundred dollars. Mile heats; best three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Len Hayden, by Alexander; dam, unknown	D. L. Hayden	Novato.
Wild Bill, unknown	Dan Misener	Petaluma.
Admar, by Admiral; dam, by San Bruno	A. T. Hatch	Suisun.
Buck Foster, by Gen. Dana; dam, by Jno. Nelson	William Bihler	Petaluma.
Rob Roy, by Benton; dam, Nettie	D. McVicker	Yountville.
Jackson Temple, by Volunteer; dam, Alice Daniels	George Jones	Petaluma.
Johnnie, unknown	W. P. Fine	Petaluma.
Ned, by Overland; dam, by Thoroughbred	Joseph Edger	Vallejo.
Uncle True, by Inauguration; dam, by Bucephalus	S. Sperry	Petaluma.
Sorrell Ben, unknown	T. J. Beggs	Petaluma.

RACE No. 5—Continued.

Position at Starting.	*Position at Close.*					
1. Uncle True	Ned	1	1	2	3	1
2. Buck Foster	Uncle True	2	2	1	1	3
3. Sorrel Ben	Sorrel Ben	3	4	3	2	2
4. Wild Bill	Jackson Temple	4	3	4	4	4
5. Ned	Wild Bill	5	6	5	5	5
6. Len Hayden.	Len Hayden	6	5	6	dis.	
7. Jackson Temple	Buck Foster	7	dis.			

Time—2:38½; 2:36½; 2:40; 2:39; 2:39.

THURSDAY, AUGUST 28, 1884.

RACE No. 6—RUNNING.

For two-year olds. Twenty-five dollars entrance; ten dollars forfeit. One hundred and fifty dollars added. Fifty dollars to second horse. Three quarters of a mile.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Cito, by Joe Hooker; dam, Too Soon, by Norfolk	J. C. Simpson	San Francisco.
Harry Peyton, by Shannon; dam, Miss Peyton	Charles Underhill	Santa Rosa.
Mamie T, by Wheatley; dam, by Lodi	G. Pacheco	Novato.
Belle of the Lake, by Wheatley; dam, Janette	Mat. Storms	Sacramento.
Estelle, by Norfolk; dam, Lady Jane	W. M. Murray	Sacramento.
Ichi Ban, by Joe Hooker; dam, Queen	Delaney & Ayers	Sacramento.
Arthur H, by Hockhocking; dam, Maid of the Mist	Hill & Gries	S. Buenaventura.

Position at Starting.	*Position at Close.*	
1. Cito	Estelle	1
2. Harry Peyton	Harry Peyton	2
3. Arthur H	Arthur H	3
4. Estelle	Cito	4

Time—1:16¾.

RACE No. 7—PACING.

2:20 Class. Purse, six hundred dollars. Mile heats; best three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Belmont, by Nutwood; dam, by Tom Vernon	J. W. Donathan	Oakland.
Sam Louis, by Echo; dam, by Whipple's Speculation	Charles David	Oakland.
Killarney, by Black Ralph; dam, said to be by Imp. Eclipse	Peter Fitzgerald	Woodland.
Maud, by Bertrand's Black Hawk; dam, by Hamilton Chief, or Chieftain	H. J. Agnew	San Francisco.

Position at Starting.	*Position at Close.*		
1. Sam Louis	Killarney	1	1
2. Killarney	Sam Louis	3	2
3. Maud	Maud	2	3

Time—2:27¼; 2:25¼; 2:41¼.

RACE NO. 8—RUNNING.

Special. Purse, one hundred and twenty-five dollars. No entrance. Five eighths of a mile dash.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Estelle Clark, by Ironclad; dam, by Orphan Boy	H. Carrillo	Santa Rosa.
Dolly Dimple, by Ben Wade; dam, unknown	Hill & Gries	S. Buenaventura.
Birdcatcher, by Specter; dam, by Young Melbourne	W. H. Murray	San Francisco.

Position at Starting.	*Position at Close.*	
1. Estelle Clark	Dolly Dimple	1
2. Dotty Dimple	Estelle Clark	2
3. Birdcatcher	Birdcatcher	3

Time—1:03.

RACE NO. 9—TROTTING.

Special. Purse, two hundred and fifty dollars. Named horses. One mile heats; best three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Hunter, by Foxhunter; dam, unknown	S. Sperry	Petaluma.
Kitty Almont, by Tilton Almont; dam, Gracie, by Hamlet	S. Crandell	Petaluma.
Gerster, by Altoona; dam, unknown	J. W. Donathan	Oakland.

Position at Starting.	*Position at Close.*			
1. Hunter	Hunter	1	1	1
2. Kitty Almont	Gerster	2	2	3
3. Gerster	Kitty Almont	3	3	2

Time—2:32; 2:31½; 2:34½.

FRIDAY, AUGUST 29, 1884.

RACE NO. 10—RUNNING.

Selling race. Purse, two hundred dollars. Entrance, free. Fifty dollars to second horse. Fixed valuation, one thousand dollars. To carry entitled weights; two pounds off for each one hundred dollars below fixed value, and three pounds added for each one hundred dollars above fixed value. One and one fourth mile dash.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Patrol, by Wildidle; dam, Nettie Brown	Wm. Appleby	Santa Clara.
Garfield, by Langford; dam, by Lodi	G. Pacheco	Novato.
Billy Foote, by Norfolk; dam, Kate Gift	W. M. Murray	Sacramento.
Philip S, by Leinster; dam, Lily Simpson	P. Siebenthaler	Sacramento.
Susan, by Warwick	Rancho del Paso	Sacramento.

Position at Starting.	*Position at Close.*	
1. Garfield	Patrol	1
2. Patrol	Garfield	2

Time—2:11¼.

RACE NO. 11—TROTTING.

District. For yearlings. Purse, one hundred and fifty dollars. Mile dash.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Catchup, by Rustic; dam, Huntress	P. J. Shafter	Olema.
Elise, by Echo; dam, Halfmoon	Geo. Jones	Petaluma.
J. G. Blaine, by Gen. Dana; dam, by Jack Hawkins	Wm. Bihler	Petaluma.

Position at Starting.	*Position at Close.*	
1. Catchup	Catchup	1
2. J. G. Blaine	Elise	2
3. Elise	J. G. Blaine	3

Time—3:56½.

RACE NO. 12—TROTTING.

2:27 Class. Purse, one thousand dollars. Mile heats; best three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Johnnie, by Auctioneer Johnnie; dam, unknown	Wm. Bourke	Petaluma.
B B, by Bellfounder; dam, unknown	J. W. Donathan	Oakland.
Tump Winston, by Primus; dam, Lady Don	E. Downer	Oakland.
Adrian, by Reliance; dam, Adrianna	Jas. Learned	Stockton.
Olivette, by Whipple's Hambletonian; dam, Belle	A. C. Deitz	San Francisco.
Rarus, Jr., by unknown	Armstrong & Carrington	Salt Lake.
Sister, by Admiral; dam, unknown	J. A. Goldsmith	Oakland.
Blanche, by Gray McClellan; dam, by John Nelson	Wm. Bihler	Petaluma.
Anteeo, by Electioneer; dam, Columbia	I. DeTurk	Santa Rosa.

Position at Starting.	*Position at Close.*			
1. B B	Sister	1	1	1
2. Sister	Olivette	2	2	4
3. Olivette	Anteeo	3	3	3
4. Adrian	Adrian	4	5	6
5. Anteeo	Tump Winston	5	6	5
6. Tump Winston	B B	6	4	2

Time—2:27¾; 2:25¾; 2:24½.

RACE NO. 13—TROTTING (SPECIAL).

Purse, two hundred dollars; entrance added. For named horses. One mile heats; best three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Lucy, by Black Ralph; dam, by Odd Fellow	J. Blue	Woodland.
Len Hayden, by Alexander; dam, unknown	D. L. Hayden	Novato.
Oscar, by General McClellan, Jr.; dam, unknown	J. M. Parker	San Francisco.
Sorrel Ben, by unknown; dam, unknown	T. J. Beggs	Petaluma.
Nighttime, by Rustic; dam, Fanny	P. J. Shafter	Olema.

RACE No. 13—Continued.

Position at Starting.	*Position at Close.*						
1. Nighttime	Oscar	1	1	2	3	2	1
2. Len Hayden	Sorrel Ben	2	3	1	1	4	3
3. Lucy	Nighttime	4	2	3	2	1	2
4. Oscar	Lucy	3	4	4	4	3	0
5. Sorrel Ben	Len Hayden	5	dis.				

Time—2:38¾; 2:36½; 2:37¼; 2:43¾; 2:41; 2:39.

SATURDAY, AUGUST 30, 1884.

RACE No. 14—RUNNING.

Purse, six hundred dollars. Free for all. Two-mile dash.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Garfield, by Langford; dam, by Lodi	G. Pacheco	Novato.
Birdcatcher, by Specter; dam, by Young Melbourne	W. M. Murray	Sacramento.
Trade Dollar, by Norfolk; dam, Eva Ashton	Delaney & Ayers	Sacramento.
Bachelor, by Hockhocking; dam, Maid of the Mist	Hill & Gries	S. Buenaventura.

Position at Starting.	*Position at Close.*	
1. Garfield	Birdcatcher	1
2. Birdcatcher	Bachelor	2
3. Bachelor	Garfield	3
4. Trade Dollar	Trade Dollar	4

Time—3:37½.

RACE No. 15—RUNNING.

Consolation purse, one hundred and fifty dollars; fifty dollars to second horse. Horses beaten once allowed five pounds, twice ten pounds, three times fifteen pounds, from their entitled weight. One mile dash.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Arthur H, by Hockhocking; dam, Maid of the Mist	Hill & Gries	S. Buenaventura.
Philip S, by Leinster; dam, Lily Simpson	W. R. Claypool	Sacramento.
Estelle Clark, by Ironclad; dam, by Orphan Boy	H. Carrillo	Santa Rosa.

Position at Starting.	*Position at Close.*	
1. Arthur H	Arthur H	1
2. Estelle Clark	Estelle Clark	2
3. Philip S	Philip S	3

Time—1:45.

RACE No. 16—TROTTING.

District. For gentlemen's roadsters. Purse, one hundred and fifty dollars. Owners to drive to road wagons or carts weighing not less than one hundred and fifty pounds.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
King, by Alexander; dam, by Gen. McClellan	H. P. Brainerd	Petaluma.
Frank, by Patchen Vernon	John Pfaw	Petaluma.
Jennie, by Gen. McClellan	J. W. Offut	Petaluma.
Jet, by unknown	E. Hopes	Petaluma.
Abe Ward, by unknown	J. Fritsch	Petaluma.
Stranger, by unknown	H. H. Helman	Healdsburg.
Ella, by unknown	J. S. Van Doren	Petaluma.
Debby Mott, by Gray McClellan; dam, by John Nelson	Wm. Bihler	Petaluma.

Position at Starting.	*Position at Close.*				
1. Ella	Jennie	2	1	1	1
2. Jennie	Debby Mott	1	4	2	2
3. Jet	Jet	3	2	3	3
4. Debby Mott	King	4	3	4	4
5. King	Ella	5	5	5	5

Time—3:06½; 3:06; 2:58¾; 3:03.

TRANSACTIONS

OF THE

FIFTH DISTRICT AGRICULTURAL ASSOCIATION

For the Year 1884,

Composed of the Counties of San Mateo and Santa Clara.

OFFICERS OF THE ASSOCIATION.

W. T. ADEL ..... President.
J. HINMAN ..... Secretary.
W. D. TISDALE ..... Treasurer.

DIRECTORS.

W. T. ADEL ..... San José.
GEORGE BEMENT ..... Redwood City.
ALEXANDER GORDON ..... Redwood City.
CYRUS JONES ..... San José.
G. B. POLHEMUS ..... San José.
J. R. WELLER ..... San José.
E. YOUNGER ..... San José.
W. TENNANT ..... Gilroy Hot Springs.

REPORT.

SAN JOSÉ, October 18, 1884.

To the honorable the State Board of Agriculture:

GENTLEMEN: The Directors of the Fifth District Agricultural Association submit this, their report of the transactions of said association, for the year ending this date.

J. HINMAN, Secretary.

RECEIPTS AND EXPENDITURES.

Receipts.

Cash on hand last statement	$350 24	
Received from rents and privileges	2,751 85	
Received from entries and forfeits	3,245 05	
Received from bills payable	1,500 00	
Received from admission tickets, gate, etc.	6,078 05	
Received from sale of hay	49 00	
Received from overdraft	14 99	
Received from State appropriation, less collection	1,186 00	
	$15,175 18	
Resource.		
One hundred and forty tons hay	600 00	
		$15,775 18

Expenditures.

Paid premiums and purses	$8,732 25	
Paid for salaries and labor	2,987 44	
Paid for building, stalls, etc.	1,228 60	
Paid for printing and advertising	861 41	
Paid for water and improvements	388 35	
Paid for gas and improvements	95 95	
Paid for membership fee A. T. A'n	56 00	
Paid for returned entrance money	85 85	
Paid for money for privileges	130 00	
Paid for merchandise	438 33	
Paid for incidentals	171 00	
		$15,175 18
Liability.		
Rent due S. C. V. A. A.		600 00
		$15,775 18

By bills payable	$1,500 00
By overdraft	14 99

PREMIUMS AWARDED----1884.

FIRST DEPARTMENT.

Live Stock.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
CLASS I—FAMILIES.				
Best stallion, not thoroughbred, with not less than five colts	Robert Welch	Milpitas	Adolph; Lewis Betty, Kate Reynolds, Bonnie Bell, Jessie Laurel, Wood Chief, Laurel Wood, Parnell	$20 00
Best mare, with not less than three colts	J. R. Bane	Gilroy	Clyde; Gray Eagle, Secesh, and Scottish Chief	$15 00
STALLIONS—CLYDESDALE.				
Best stallion, one year old	James Roberts	Irving	Duke	$5 00
STALLIONS—NORMAN.				
Best stallion, four years old and over	Robert Welch	Milpitas	Adolph	$13 00
Second best stallion, four years old and over	M. Carter	Newark	Marseti	$5 00
GRADED DRAFT.				
Best stallion, four years old and over	T. E. Snell	San José	Cognac	$13 00
Second best stallion, four years old and over	Jas. Lendrum	San José	Napoleon	$5 00
Best stallion, two years old	Manser Bros.	Milpitas	Lafayette	$3 00
Second best stallion, two years old	J. R. Bane	Gilroy	Secesh	$6 00
Best stallion, one year old	M. Jordan	Santa Clara	Laurel	$5 00
Second best stallion, one year old	Jas. Lendrum	San José	Punch	$2 00
Best stallion, under one year old	Manser Bros.	Milpitas	Louis	$3 00
Second best stallion, under one year old	M. Jorden	Santa Clara	Laurel Wood	$2 00
Best mare, four years old and over	E. Britton	Lawrence's Station	Kate	$11 00
Second best mare, four years old and over	J. Cooney	Almaden	Belle	$5 00
Best mare, three years old	Jas. Lendrum	San José	Fan	$7 00
Second best mare, three years old	T. E. Snell	San José	Lady Nona	$4 00
Best mare, two years old	David Reynolds	Milpitas	Kate Reynolds	$6 00
Second best mare, two years old	E. Britton	Lawrence's Station	Topsy	$3 00
Best mare, one year old	Manser Bros.	Milpitas	Jane	$4 00

Second best mare, one year old	T. E. Snell	San José	Jennie Ribbon	$2 00
Best mare	Robert Welch	Milpitas	Jessie	$3 00
Second best mare	Jas. Lendrum	San José	Pet	$2 00
HORSES FOR ALL WORK.				
Best stallion, four years old and over	Lyman Bure	Santa Clara	Gus. Bore	$13 00
Second best stallion, four years old and over	J. R. Weller	Milpitas	H F B	$5 00
Best stallion, three years old	James Weatherhead	San José	Young St. Lawrence	$8 00
Best stallion, one year old	M. Gregg	San José	Hunter Boy	$5 00
Second best stallion, one year old	Edward Younger	San José	Electric Light	$3 00
Best suckling colt	B. E. Harris	San Francisco	Relief	$3 00
Best mare, four years old and over	R. H. Walton	San José	Bogus	$11 00
Second best mare, four years old and over	J. R. Bane	Gilroy	Comet	$4 00
Best mare, two years old	W. Jacklin	Milpitas	Bethey	$5 00
Best mare, one year old	Edward Younger	San José		$4 00
Best suckling colt	Edward Younger	San José	Ducloss	$3 00
Second best suckling colt	E. Britton	Lawrence's Station	Lily	$2 00
ROADSTERS.				
Best stallion, four years old and over	James Boyd	Milpitas	Grosvenor	$13 00
Second best stallion, four years old and over	J. R. Buffington	San José	Nutwood Boy	$5 00
Best stallion, three years old	Orin Taber	San José	Vernon Boy	$8 00
Second best stallion, three years old	M. Carter	Newark	California Nutwood	$4 00
Best stallion, two years old	M. Mendenhall	Livermore	Grand Moor, Jr.	$7 00
Second best stallion, two years old	John Barry	San José	John Barry	$3 00
Best stallion, one year old	B. E. Harris	San Francisco	General Whipple	$5 00
Second best stallion, one year old	R. H. Walton	San José	Argent Donahue	$2 00
Best mare, four years old and over	E. Topham	Milpitas	Lady Antwood	$11 00
Second best mare, four years old and over	T. W. Barstow	San José	Jennie B	$4 00
Best mare, three years old	T. W. Barstow	San José	Beauty	$7 00
Best mare, two years old	J. R. Russell	San José	Delia	$5 00
Second best mare, two years old	John Barry	San José	Nettie Jones	$2 00
Best mare, one year old	B. E. Harris	San Francisco	Echola	$3 00
Best gelding, four years old and over	Corey & Roberts	San José	C H C	$11 00
Second best gelding, four years old and over	Edward Younger	San José	Whisper	$4 00
CARRIAGE HORSES—MATCHED SPAN.				
Best matched span carriage horses	B. E. Harris	San Francisco	Colonel and Elmo	$15 00
Second best matched span carriage horses	J. H. Ogier	San José	Fan and Fanny	$5 00
ROADSTER TEAMS.				
Best team	Thomas Gault	San José	Billy Martin and Niagara	$15 00
Second best team	L. Johnson	San José	Jerry and Fanny	$5 00

FIRST DEPARTMENT—Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
SADDLE HORSES.				
Best saddle horse	James Boyd	Milpitas	Dick	$5 00
JACKS.				
Best jack, three years old and over	Jas. Boyd	Milpitas	King Alfonso	$8 00
Best jennet, three years old and over	Jas. Boyd	Milpitas	Fanny and colt	$5 00
CATTLE—DURHAMS.				
Best bull, three years old and over	Mary E. Bradley	San José	1st Duke of Alameda	$15 00
Second best bull, three years old and over	C. Younger	San José	Forest King	$6 00
Best bull, two years old	Ed. Younger	San José	Kirk L of Forest Home	$12 00
Second best bull, two years old	Jas. Boyd	Milpitas	4th Duke of Alameda	$6 00
Best bull calf	Mary E. Bradley	San José	Goliah	$5 00
Second best bull calf	Ed. Younger	San José	3d Kirk Levington of Forest H.	$3 00
Best cow and calf	Mary E. Bradley	San José	Mabel B and calf Constance	15 00
Second best cow and calf	C. Younger	San José	Rose of Forest Home and calf	$6 00
Best cow, one year old	Mary E. Bradley	San José	Lady Howard	$7 00
Second best cow, one year old	Mary E. Bradley	San José	Lorena	$5 00
Best heifer calf	Mary E. Bradley	San José	Bettie B	$5 00
Second best heifer calf	Mary E. Bradley	San José	Lady Kate	$3 00
AYRSHIRES.				
Best bull, three years old and over	J. A. Ogier	San José	Naragansett Chief	$15 00
Second best bull, three years old and over	Geo. Bement	Redwood City	Archie	$6 00
Best bull, one year old	Geo. Bement	Redwood City	Electioneer	$7 00
Best bull calf	Geo. Bement	Redwood City	Clipper (3538)	$5 00
Best cow and calf	Geo. Bement	Redwood City	Stellina and calf	$15 00
Best cow, three years old and over	Geo. Bement	Redwood City	Nydia 2d (4516)	$12 00
Best cow, two years old	Geo. Bement	Redwood City	Highland Mary	$6 00
Second best cow, two years old	Geo. Bement	Redwood City	Sybil (7404)	$12 00
Best cow, one year old	Geo. Bement	Redwood City	Marian (7408)	$7 00
Best heifer calf	Geo. Bement	Redwood City	Sybilla (7809)	$5 00
JERSEYS.				
Best bull, three years old and over	C. B. Polhemus	San José	Jersey Boy	$15 00
Second best bull, three years old and over	Thos. Waite	Brighton	Jersey Prince	$6 00
Best bull, two years old	C. B. Polhemus	San José	David	$12 00
Second best bull, two years old	C. B. Polhemus	San José	Freddie Gebhardt	$6 00

Best bull, one year old	C. B. Polhemus	San José	Billy George	$7 00
Second best bull, one year old	Thos. Waite	Brighton	John Rooney	$5 00
Best bull calf	C. B. Polhemus	San José	Rajah	$5 00
Second best bull calf	C. B. Polhemus	San José	Buttons	$3 00
Best cow and calf	C. B. Polhemus	San José	Pearl 3d and calf	$15 00
Second best cow and calf	C. B. Polhemus	San José	Blackie 2d and calf	$6 00
Best cow, three years old and over	C. B. Polhemus	San José	Cherry	$12 00
Second best cow, three years old and over	Thos. Waite	Brighton	Ida	$6 00
Best cow, two years old	C. B. Polhemus	San José	Bessie 3d	$6 00
Second best cow, two years old	C. B. Polhemus	San José	Lulie 2d	$12 00
Best cow, one year old	C. B. Polhemus	San José	Jersey Lily	$5 00
Second best cow, one year old	Thos. Waite	Brighton	Topsy 3d	$7 00
Best heifer calf	C. B. Polhemus	San José	Bessie 4th	$5 00
Second best heifer calf	Tyler Beach	San José	Fannie B	$3 00
DEVONS.				
Best bull, three years old and over	A. J. Hutchinson	Los Angeles	Burnett 3d (2039)	$15 00
Best bull, two years old	A. J. Hutchinson	Los Angeles	Columbus (2074)	$12 00
Best bull, one year old	A. J. Hutchinson	Los Angeles	Hugo 2d (2463)	$7 00
Second best bull, one year old	A. J. Hutchinson	Los Angeles	Evon	$5 00
Best bull calf	A. J. Hutchinson	Los Angeles	Beresford (2824)	$5 00
Best cow and calf	A. J. Hutchinson	Los Angeles	Lovely 37th and calf, Maid of Tomige	$15 00
Best cow	A. J. Hutchinson	Los Angeles	Wanda 3d (3769)	$12 00
Best cow, two years old	A. J. Hutchinson	Los Angeles	Lovely 36th (4425)	$12 00
Second best cow, two years old	A. J. Hutchinson	Los Angeles	Hellena (4426)	$6 00
Best cow, one year old	A. J. Hutchinson	Los Angeles	Lovely 37th (4721)	$7 00
Second best cow, one year old	A. J. Hutchinson	Los Angeles	Lovely 41st (4725)	$5 00
HEREFORDS.				
Best bull, two years old	W. Kohl	San Mateo	Count Tredeger	$12 00
Best bull, one year old	W. Kohl	San Mateo	Vanguard	$7 00
Bull, one year old	R. P. Saxe	San Francisco	Horace 44th	Silver medal.
Bull, one year old	R. P. Saxe	San Francisco	Horace 30th	
Bull, one year old	R. P. Saxe	San Francisco	Horace 41st	
Bull, one year old	R. P. Saxe	San Francisco	Horace 26th	
Bull, one year old	R. P. Saxe	San Francisco	Horace 32d	
Bull, one year old	R. P. Saxe	San Francisco	Horace 40th	
Best bull calf	W. Kohl	San Mateo	Duke of Normandy	$5 00
Best cow, three years old and over	W. Kohl	San Mateo	Violet 2d	$12 00
Second best cow, three years old and over	W. Kohl	San Mateo	Tidy 10th	$6 00
Best cow, two years old	W. Kohl	San Mateo	Temptress	$12 00
Second best cow, two years old	W. Kohl	San Mateo	Triumph Thura	$6 00

FIRST DEPARTMENT—Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
Best heifer calf	W. Kohl	San Mateo	Mary 3d	$5 00
Second best heifer calf	W. Kohl	San Mateo	Hoke 1st	$3 00
HOLSTEINS.				
Best bull, three years old and over	Mrs. E. D. Knott	La Honda	Anson	$15 00
Second best bull, three years old and over	Tyler Beach	San José	Duke B	$6 00
Best bull, one year old	H. W. Meek	San Lorenzo	Juror (2295)	$7 00
Best bull calf	H. W. Meek	San Lorenzo	Cassius	$5 00
Second best bull calf	Mrs. E. D. Knott	La Honda	Butler	$3 00
Best cow and calf	H. W. Meek	San Lorenzo	Aggie Lizzie and calf, Brutus	$15 00
Best cow, three years old and over	P. Blanchard	Redwood City	Sophie	$12 00
Second best cow, three years old and over	P. Blanchard	Redwood City	Nellie	$6 00
Best cow, two years old	H. W. Meek	San Lorenzo	Lady Bertha (4374)	$12 00
Second best cow, two years old	H. W. Meek	San Lorenzo	Rigolette (2874)	$6 00
Best heifer calf	H. W. Meek	San Lorenzo	Alameda Maid	$5 00
Second best heifer calf	P. Blanchard	Redwood City	Marguerite	$3 00
GRADED CATTLE.				
Best cow, three years old and over	Tyler Beach	San José	Mollie	$13 00
Second best cow, three years old and over	C. Younger	San José	The Widow	$5 00
Best fat steer	C. Younger	San José	George	$10 00
Best fat cow or heifer	C. Younger	San José	Golden Gate 2d	$10 00
SWEEPSTAKES.				
Best dairy cow	A. Agnew	Agnew's	Star	$10 00
Best Durham herd	C. Younger	San José	Forest King and four cows	$20 00
Best Hereford herd	W. Kohl	San Mateo	Count Tredeger and four cows	$20 00
Best Holstein herd	H. W. Meek	San Lorenzo	Juror and four cows	$20 00
Best Devon herd	Capt. A. J. Hutchinson	Los Angeles	Burnett and four cows	$20 00
Best Jersey herd	C. B. Polhemus	San José	Jersey Boy and five cows	$20 00
Best Ayrshire herd	George Bement	Redwood	Archie and four cows	$20 00
SWEEPSTAKES.				
Best bull of any breed or age	C. Younger	San José	Forest King	$15 00
Best cow of any breed or age	C. Younger	San José	Nevada Bell 2d	$15 00

Families.				
Best bull and three of his calves	M. E. Bradley	San José	1st Duke of Alameda and three calves	$15 00
SHEEP—MERINOES.				
Best ram	A. Agnew	Agnew's	Sharon	$8 00
Second best ram	A. Agnew	Agnew's	Sankey	$4 00
Best ewe	A. Agnew	Agnew's	Jenny	$8 00
Second best ewe	A. Agnew	Agnew's	Linny	$4 00
SOUTHDOWNS.				
Best ram	Geo. Bement	Redwood	Sonoma	$8 00
Best ewes	Geo. Bement	Redwood		$8 00
Second best ewes	Geo. Bement	Redwood		$4 00
Best three ram lambs	Geo. Bement	Redwood	One pair	$5 00
Best five ewe lambs	Geo. Bement	Redwood	One pair	$5 00
COTSWOLD.				
Best ram	E. Younger	San José	Early Morn	$8 00
Best ewes	E. Younger	San José		$8 00
Best three ram lambs	E. Younger	San José	One pair	$5 00
Best five ewe lambs	E. Younger	San José	One pen	$5 00
GRADED SHEEP.				
Best ewes	A. Agnew	Agnew's	Elaine	$5 00
GOATS.				
Best Angora buck	C. T. Bailey	San José	Prince of Monterey (351)	$6 00
Second best	C. T. Bailey	San José	Mariposa Chief (374)	$3 00
Best Angora does	C. T. Bailey	San José	Three does (not named)	$6 00
Best Angora kids	C. T. Bailey	San José	Three kids (not named)	$4 00
SWINE—BERKSHIRE.				
Best boar, over one year old	E. G. Goby	Los Gatos	Isaac	$6 00
Second best	Tyler Beach	San José	Waldo	$3 00
Best boar, under one year old	San Mateo Stock Farm	San Mateo	Early	$5 00
Second best	Mrs. M. E. Bradley	San José	Jumbo	$2 50
Best sow, one year old or over	San Mateo Stock Farm	San Mateo	Hopton Lass	$6 00
Second best	Mrs. M. E. Bradley	San José	Lizzie 1st	$3 00
Best sow, under one year old	Tyler Beach	San José	Flora	$5 00
Second best	Tyler Beach	San José	Maggie B	$2 50
ESSEX.				
Best boar, under one year old	Tyler Beach	San José	Tarbox	$5 00

FIRST DEPARTMENT—Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
Best sow, one year old or over	Tyler Beach	San José	Blonde	$6 00
Best sow, under one year old	Tyler Beach	San José	Black Ann	$5 00
POLAND-CHINA.				
Best boar, under one year old	W. D. Rucker	Santa Clara	Indicator	$5 00
Second best	W. D. Rucker	Santa Clara	Rattler	$2 50
Best sow, one year old or over	W. D. Rucker	Santa Clara	Bessie R	$6 00
Second best	W. D. Rucker	Santa Clara	Gallop's Bess	$3 00
Best sow, under one year old	W. D. Rucker	Santa Clara	Black Idyl	$5 00
Second best	W. D. Rucker	Santa Clara	California Belle	$2 50
Best five pigs of any breed, under six months old	San Mateo Stock Farm	San Mateo	Berkshire	$5 00
Finest and fattest hog	Mrs. M. E. Bradley	San José	Lizzie 4th	$5 00
POULTRY.				
Best trio Plymouth Rocks	Mrs. L. J. Watkins	San José		$2 50
Best trio Light Brahmas	Thos. Waite	Brighton		$2 50
Best trio Buff Cochins	Thos. Waite	Brighton		$2 50
Best trio Partridge Cochins	O. J. Albee	Lawrence's Station		$2 50
Best trio White Leghorns	Mrs. L. J. Watkins	San José		$2 50
Best trio Brown Leghorns	Thos. Waite	Brighton		$2 50
Best trio white-faced Black Spanish	Mrs. L. J. Watkins	San José		$2 50
Best trio Langshans	M. E. Newhall	San José		$2 50
Best trio white-crested Black Polands	O. J. Albee	Lawrence's Station		$2 50
Best trio Silver-spangled Hamburgs	Thos. Waite	Brighton		$2 50
Best trio Houdans	Mrs. L. J. Watkins	San José		$2 50
Best trio black-breasted red game Bantams	O. J. Albee	Lawrence's Station		$2 50
Best coop black-breasted red game Bantams	Geo. Bement	Redwood		$2 50
Best trio duck-wing Bantams	M. E. Newhall	San José		$2 50
Best Bronze turkeys	Thos. Waite	Brighton		$5 00
Best pair Bremen geese	Mrs. L. J. Watkins	San José		$2 50
Best coop Rouen ducks	Thos. Waite	Brighton		$2 50
Best pair Pekin ducks	Mrs. L. J. Watkins	San José		$2 50
Best coop of twelve chickens, not over four months old	Mrs. L. J. Watkins	San José		$5 00
Second best	O. J. Albee	Lawrence's Station		$2 50
Best and largest collection	Mrs. L. J. Watkins	San José		$10 00
Second best	Thos. Waite	Brighton		$5 00

SECOND DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
AGRICULTURAL MACHINERY.			
S. J. Agricultural Works	San José	Display agricultural machinery	$20 00
Byron Jackson	Oakland	Horse hay rake	$3 00
A. S. Babcock & Co.	San José	Hay and straw cutter	$2 00
A. S. Babcock & Co.	San José	Lawn mower	$2 00
Farmers' Union	San José	Broadcast sowing machine	$5 00
C. A. Fox	San José	Header wagon nets for stacking	$5 00
I. A. Matlick	San José	Derrick rig, complete	$5 00
S. J. Agricultural Works	San José	Field's roller and crusher	$5 00
S. J. Agricultural Works	San José	Harrow	$5 00
H. McLean	Watsonville	Cultivator	$5 00
Charles Meadow	San José	Horse hoe	Diploma.
George H. McDonald & Co.	San José	Windmill	$5 00
S. Jackman	San José	Farm gate	$5 00
John Britton	San José	Beehive	$2 00
A. S. Babcock & Co.	San José	Farm and road scraper	$5 00
A. S. Babcock & Co.	San José	Garden seed drill	$2 00
A. S. Babcock & Co.	San José	Well pump	$5 00
Campbell & Gore	San José	Apparatus for raising water	$10 00
Davis & Look	Oakland	Incubator	$5 00
J. B. J. Portal	San José	Cider mill and press	Diploma.
I. A. Matlick	San José	Elevator for stacking grain	$5 00
E. W. Melvin	San Francisco	Churn	Diploma.
E. W. Melvin	San Francisco	Washing machine	Diploma.
E. W. Melvin	San Francisco	Clothes wringer	Diploma.
Farmers' Union	San José	Gang plow	$10 00
Farmers' Union	San José	Sulky plow	$5 00
A. S. Babcock & Co.	San José	Stubble plow	$5 00
A. S. Babcock & Co.	San José	Sidehill plow	$5 00
A. S. Babcock & Co.	San José	One-horse plow	$5 00
S. J. Agricultural Works	San José	Open ditching plow	$5 00
A. S. Babcock & Co.	San José	Plow for all work	$5 00
Greeninger & Young	San José	Two-horse family carriage	$10 00
Greeninger & Young	San José	One-horse family carriage	$5 00
Hatman & Normandin	San José	California top buggy	$5 00
Greeninger & Young	San José	Two-seated open carriage	$7 50
A. S. Babcock & Co.	San José	Trotting wagon	$5 00
A. S. Babcock & Co.	San José	Farm wagon for general use	$10 00
A. S. Babcock & Co.	San José	Two-horse spring wagon	$5 00
W. T. Adel	San José	Driving cart	$5 00
Hatman & Normandin	San José	Lady's phaeton	$10 00
W. T. Adel	San José	Delivery wagon	$5 00

THIRD DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
TEXTILE FABRICS.			
L. Lion	San José	Carpet, rugs, etc.	Silver medal.
F. Cain	San José	Carpet, rugs, etc.	$5 00
Mrs. W. Petry	San José	Neckwear, etc.	Silver cup.
O. Sweet	San José	Drygoods	$5 00
Mrs. N. Saunders	San José	Fancy articles	$5 00
Miss T. Leigh	San José	Family sewing	$6 00
Mrs. D. Stanfield	San José	Ottoman cover	$2 00
Mrs. W. Petry	San José	Embroidered table cover	$5 00
Mrs. N. Saunders	San José	Lambrequin	$3 00

THIRD DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Miss A. Colombet	San José	Best Kensington embroidery	$5 00
Mrs. P. A. Suzzola	San José	Second best Kensington embroidery	$3 00
Mrs. W. Petry	San José	Embroidered piano cover	$3 00
Miss A. Colombet	San José	Best silk embroidered piano cover	$5 00
Mrs. W. Petry	San José	Second best silk embroidered piano cover	$3 00
Mrs. W. Petry	San José	Best cotton embroidered piano cover	$5 00
Miss T. Leigh	San José	Second best cotton embroidered piano cover	$3 00
Miss T. Leigh	San José	Best lace work	$5 00
Miss K. Thompson	San José	Second best lace work	$3 00
Mrs. E. O. Smith	San José	Best and handsomest toilet set	$3 00
Miss A. Colombet	San José	Sofa cushion	$2 00
Mrs. N. Saunders	San José	Best embroidered chair	$5 00
Mrs. P. A. Suzzola	San José	Second best embroidered chair	$3 00
Mrs. D. Stanfield	San José	Embroidered picture	$2 00
Miss L. Hamilton	San José	Chenille work	$2 00
Miss T. Leigh	San José	Lady's dress	$5 00
Miss Della Rogers	San José	Lady's underclothing	$5 00
O. Sweet	San José	Child's underclothing	$3 00
Mrs. C. Younger	San José	Silk patchwork quilt	$3 00
Mrs. N. Saunders	San José	Calico patchwork quilt	$2 00
Chas. Peake	San José	Floor rug	$2 00
Mrs. Jas. Hatch	San José	Afghan for carriage	$5 00
Mrs. H. A. Leigh	San José	Lady's hat	$5 00
Mrs. Morehead	San José	Millinery work	$5 00
Miss Emma Zingg	San José	Dressmaking	$5 00
Miss Emma Zingg	San José	Underclothing by one firm	$5 00
Miss Della Rogers	San José	Ornamental needlework	$5 00
Mrs. W. Petry	San José	Embroidered handkerchief	$1 00
O. Sweet	San José	Display of corsets	$2 00
Mrs. J. L. Ross	San José	Gentleman's shirt	$2 00
SHELL AND HAIR WORK.			
Mrs. T. Zingg	San José	Moss or lichen work	$3 00
Mrs. C. L. Ross	San José	Artificial flowers	$3 00
Mrs. J. S. Parker	San José	Ornamental grasses	$2 00
Mrs. T. Zingg	San José	Stuffed birds	$2 00
Miss Brand	San José	Knit and crochet work	$2 00
LIBERAL ARTS.			
McNeal Bros.	San José	Book printing	Diploma.
McNeal Bros.	San José	Plain book binding	Silver medal.
McNeal Bros.	San José	Fine book binding	Silver medal.
D. A. Smith	San José	Job printing	$5 00

FOURTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
L. A. Reister	Chico	Saddletrees	$3 00
L. A. Reister	Chico	Saddle and trees	$5 00
Lick Paper Company	San José	Display of paper	$3 00
C. J. Heyler & Co.	San José	Boots, shoes, etc.	$3 00
C. J. Heyler & Co.	San José	Ladies' boots, shoes, etc.	$3 00
H. Laurilliard	San José	General display musical inst's	$15 00

FOURTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
H. Laurilliard	San José	Upright piano	Silver medal.
H. Laurilliard	San José	Organ	Silver medal.
W. C. Vinter	San José	Stoves, ranges, etc.	$10 00
F. Cain	San José	Extension table	$3 00
F. Cain	San José	Parlor furniture	$5 00
F. Cain	San José	Mattresses	$5 00
F. Cain	San José	Spring beds	$5 00
F. Cain	San José	Display of furniture	Silver medal.
F. Cain	San José	Display of upholstery	$5 00
F. Cain	San José	Display of willowware	$5 00
Magazine Brush Co.	San José	Brooms, broomcorn, and brushes	Silver medal.
M. O'Brien	San José	Fancy molding, scroll-sawing	$3 00
G. M. Burry	San José	Best sculpture, marble	$10 00
G. M. Burry	San José	Second best sculpture, marble	$5 00
Liek Mill Paper Co.	San José	Meritorious display	Diploma.

FIFTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
FLOUR AND GRAIN.			
F. M. Tenney	San José	Sample of buckwheat	$2 00
D. B. Moody	San José	Millers' products	$10 00
W. T. Adel	San José	Sample of hops	Silver medal.
F. M. Tenney	San José	Sample of yellow corn	$2 00
VEGETABLES, ROOTS, ETC.			
M. D. French	Alviso	Sugar beets	$2 00
A. Agnew	Agnew's	Tomatoes	$2 00
F. M. Tenney	San José	Display of squashes	$2 00
F. M. Tenney	San José	Best and largest pumpkin	$2 00
F. M. Tenney	San José	Collection of vegetables	Silver medal.
R. D. Fox	San José	Greenhouse and hardy ornamental plants	$30 00
R. D. Fox	San José	Display cut roses and dahlias	$5 00
Mrs. T. Zingg	San José	Two vases bouquets	$2 00
Mrs. L. J. Watkins	San José	Two parlor bouquets	$2 00
Mrs. C. D. Horn	San José	Hand bouquets	$2 00
R. D. Fox	San José	Collection of fine plants	$5 00
Miss O. J. Albee	Lawrence	Exhibit by amateur of flowers	Silver medal.
CHEESE.			
Santa Clara Cheese Co.	Santa Clara	Best exhibit of cheese	$5 00
BUTTER, BREAD, ETC.			
Mrs. C. L. Ross	San José	Ten pounds butter	$5 00
Mrs. D. B. Moody	San José	Exhibit of biscuit	$2 00
Mrs. Jas. Parker	San José	Exhibit of soda biscuit	$2 00
Miss Nettie Moody	San José	Exhibit domestic corn bread	$2 00
Mrs. S. L. Ross	San José	Exhibit domestic rye bread	$2 00
Mrs. Emma McClellan	San José	Exhibit domestic wheat bread	$2 00
Miss Nettie Moody	San José	Exhibit domestic cake	$2 00
Miss Annie Hines	San José	Exhibit loaf of bread by young lady under 18 years of age	$3 00
LARD, HAMS, ETC.			
Andrews & Coykendall	San José	Hams and bacon	$5 00
Andrews & Coykendall	San José	Salt pork	$2 00
Andrews & Coykendall	San José	Lard	$2 00
Andrews & Coykendall	San José	Corned beef	$2 00
Andrews & Coykendall	San José	Cured beef	$2 00

SIXTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
GREEN FRUIT.			
Mrs. O. J. Albee	Lawrence's	Ten varieties apples	$10 00
Miss Nellie Chapin	San José	Five varieties apples	$5 00
Mrs. O. J. Albee	Lawrence's	Three varieties apples	$3 00
Mrs. O. J. Albee	Lawrence's	Single variety apples	$2 00
Mrs. O. J. Albee	Lawrence's	Five varieties pears	$5 00
T. W. Mitchell	San José	Three varieties pears	$3 00
I. A. Wilcox	Santa Clara	Single variety pears	$2 00
Mrs. C. D. Horne	Santa Clara	Two varieties plums	$4 00
A. C. Penniman	San José	Single variety plums	$2 00
F. M. Tenney	San José	Single peach	$3 00
Miss Mollie Chapin	San José	Two varieties prunes	$5 00
Mrs. O. J. Albee	Lawrence's	Best exhibit quinces	$5 00
D. E. Gish	San José	Second best exhibit quinces	$3 00
S. O. Houghton	San José	Best collection figs	$3 00
Mrs. D. C. Bailey	San José	Second best collection figs	$2 00
J. W. Hines	San José	Best strawberries	$5 00
I. A. Wilcox	Santa Clara	Second best strawberries	$3 00
J. W. Hines	San José	Blackberries	$5 00
SWEEPSTAKES.			
Mrs. O. J. Albee	Lawrence's	Best gen. display green fruits	$20 00
T. W. Mitchell	San José	Second best gen. dis. green fruits	$10 00
A. E. Gish	Los Gatos	Best lemons	$5 00
CANNED FRUITS.			
Miss Mollie Chapin	San José	Best display canned fruits	$10 00
Mrs. O. J. Albee	Lawrence's	Display pickles	$3 00
Mrs. C. D. Horne	Santa Clara	Best display sweet pickles	$3 00
Mrs. O. J. Albee	Lawrence's	Second best dis. sweet pickles	Silver medal.
PRESERVES AND JELLIES.			
Mrs. O. J. Albee	Lawrence's	Best exhibit	$5 00
Mrs. E. O. Smith	San José	Second best exhibit	$3 00
NUTS.			
A. E. Gish	Los Gatos	General display nuts	$3 00
Miss Mollie Chapin	San José	Best soft-shell almonds	$3 00
A. E. Gish	Los Gatos	Second best soft-shell almonds	$2 00
A. E. Gish	Los Gatos	Best paper-shell almonds	$3 00
Miss Mollie Chapin	San José	Sec. best paper-shell almonds	$2 00
A. E. Gish	Los Gatos	Best hard-shell almonds	$2 00
A. E. Gish	Los Gatos	Best English walnuts	$5 00
Mrs. L. J. Watkins	San José	Best black walnuts	$2 00
I. A. Wilcox	Santa Clara	Best pecans	$2 00
A. E. Gish	Los Gatos	Best chestnuts	$2 00
EVAPORATED FRUITS.			
A. C. Penniman	San José	Evaporated dried fruits	Gold medal.
A. C. Penniman	San José	Dried apricots	$3 00
A. C. Penniman	San José	Dried plums	$3 00
A. C. Penniman	San José	Dried pears	$5 00
A. C. Penniman	San José	Dried apples	$3 00
A. C. Penniman	San José	Dried peaches	$3 00
A. C. Penniman	San José	Dried nectarines	$2 00
A. C. Penniman	San José	Dried prunes	$3 00
Sun Dried Fruits.			
T. W. Mitchell	San José	General display dried fruits	Gold medal.
T. W. Mitchell	San José	Best dried prunes	$3 00
Mrs. O. J. Albee	Lawrence's	Second best dried prunes	$2 00
A. C. Penniman	San José	Best dried plums	$3 00
Mrs. S. L. Ross	San José	Second best dried plums	$2 00
Mrs. O. J. Albee	Lawrence's	Best dried pears	$3 00
T. W. Mitchell	San José	Second best dried pears	$2 00

SIXTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
A. C. Penniman	San José	Best dried apples	$3 00
Mrs. C. L. Ross	San José	Second best dried apples	$2 00
T. W. Mitchell	San José	Best dried peaches	$3 00
Mrs. O. J. Albee	Lawrence's	Second best dried peaches	$2 00
T. W. Mitchell	San José	Best dried cherries	$3 00
Mrs. C. D. Horne	Santa Clara	Best dried figs	$2 00
GRAPES, BRANDIES, ETC.			
Mrs. G. Bruce	San José	Best display grapes	$10 00
Mrs. C. D. Horne	Santa Clara	Second best display grapes	$5 00
G. M. Jarvis & Co.	San José	Best red dry wine	Gold medal.
G. M. Jarvis & Co.	San José	Best white dry wine	$5 00
G. M. Jarvis & Co.	San José	Best angelica wine	$3 00
G. M. Jarvis & Co.	San José	Best port wine	$3 00
G. M. Jarvis & Co.	San José	Best sherry wine	$3 00
G. M. Jarvis & Co.	San José	General display wine	$10 00
G. M. Jarvis & Co.	San José	General display brandies	$10 00
FINE ARTS.			
A. P. Hill	San José	General display oil paintings	Gold medal.
A. P. Hill	San José	Best portrait, oil	Gold medal.
A. P. Hill	San José	Second best portrait, oil	$5 00
Loryea & McConley	San José	Best display in water colors	Silver medal.
Mrs. R. C. Beattie	San José	Second best dis. in water colors	$3 00
Mrs. J. M. Bryant	San José	Best animal painting	Silver plate.
Mrs. J. M. Bryant	San José	Best landscape painting	Silver medal.
A. P. Hill	San José	Best fruit painting	$5 00
A. P. Hill	San José	Best flower painting	$5 00
Miss A. Boyle	San José	Second best flower painting	Silver medal.
Mrs. R. C. Beattie	San José	Best painting in water colors	$3 00
Loryea & McConley	San José	Best portrait in India ink	$3 00
Loryea & McConley	San José	Best crayon portrait	$3 00
A. P. Hill	San José	Best pencil drawing	$2 00
A. P. Hill	San José	Second best pencil drawing	Silver cup.
A. P. Hill	San José	Best perspective drawing or painting	Gold medal.
A. P. Hill	San José	Second best perspective drawing or painting	Silver medal.
Miss G. Lenzen	San José	Best painting on silk or satin	$3 00
Mrs. J. M. Bryant	San José	Best painting on China or tile	Silver goblet.
Mrs. J. M. Bryant	San José	Second best painting on China or tile	Silver cup.
Loryea & McConley	San José	Best painting on glass	$2 00
Mrs. J. M. Bryant	San José	Best crayon drawing	$2 00
Loryea & McConley	San José	Best collection photographs	$5 00
Loryea & McConley	San José	Best collect'n photograph views	$5 00
Loryea & McConley	San José	Best retouched photographs	$5 00
Miss A. Boyle	San José	Second best retouched photos.	Diploma.
PAINTING AND GRAINING.			
Greeninger & Young	San José	Best carriage painting	$7 50
W. T. Adel	San José	Second best carriage painting	$4 00
S. J. Agricultural Works	San José	Most meritorious display in Pavilion	Gold medal.
Magazine Brush Company	Oakland	Best meritorious display	Diploma.
Mrs. O. J. Albee	Lawrence's	Second best meritorious display	Diploma.
Lick Paper Company	San José	Third best meritorious display	Diploma.

DISCRETIONARY PREMIUMS.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Byron Jackson	San Francisco	Hay pitching machine	Diploma.
W. A. Brown	San José	Seeder and planter	Diploma.
Charles Peake	San Francisco	Rug machine	Diploma.
J. H. Morgan		Land grader	Diploma.
I. A. Matlick	San José	Carriage for hay or grain	Diploma.
I. A. Matlick	San José	Telurine	Diploma.
Ed. Megashill	San José	Earth boring machine	Diploma.
Davis & Look	Oakland	Brooder	Diploma.
Magazine Brush Co.	Oakland	Stove brush	Diploma.
Mrs. P. A. Suzzolo	San José	Applique work	Diploma.
J. D. Slater & Co.	San José	Fluid beef	Diploma.
J. D. Slater & Co.	San José	Bluine	Diploma.
J. D. Slater & Co.	San José	Broom and mop handle	Diploma.
M. Bruce	San José	Specimen wood carving	Diploma.
M. Bruce	San José	Cabinet work	Diploma.
Farmers' Union	San José	Single, reversible, and point plow	Diploma.
B. F. Bush	San José	Automatic gas burner	Diploma.
W. D. Hendrickson	San José	Coal oil burner	Diploma.
W. D. Hendrickson	San José	Desk lamps and fixtures	Diploma.
Leveridge & Brower	San José	Water gas burner	Diploma.
Baker & Hamilton	San Francisco	Dog power and churn	Diploma.
C. D. Ashley	Redwood	Stalk of oats	Diploma.
J. P. Forbes	San Francisco	Natural castalian water	Diploma.
Mrs. E. M. Wilson	San Francisco	Vaporizing inhaler	Diploma.
A. B. McKean	San Francisco	Force hand pump	Diploma.
Mrs. C. D. Horne	Santa Clara	Plate pomegranates	Diploma.
H. B. Worcester	San José	Pen work	Diploma.
H. B. Worcester	San José	Penmanship	Diploma.
H. B. Worcester	San José	Card writing	Diploma.
H. B. Worcester	San José	Flourishing and ornamental work	Diploma.
H. H. Gross	San Francisco	Harden hand grenade	Diploma.
Skinner Manufacturing Co.	San Francisco	Potato digger	Diploma.
Mrs. A. J. Bazell	San José	I-X-L square, for dress cutting	Diploma.
Mrs. P. A. Suzzolo	San José	Table cover, applique work	Silver medal.
Mrs. P. A. Suzzolo	San José	Ribbon, applique work	Silver medal.
Mrs. P. A. Suzzolo	San José	Dress pictures	Silver medal.
Mrs. Wm. Petry	San José	Embroidered shawls	Diploma.
Mrs. P. A. Suzzolo	San Jose	Turkish work chair	Diploma.
Mrs. P. A. Suzzolo	San José	Knit cotton stockings	Diploma.
Mrs. A. A. Saunders	San José	Best lot of tidies	Diploma.
Miss Emma McClellan	San José	Exhibit regalias	Diploma.
Miss Emma McClellan	San José	Children's stocking supporters	Diploma.
Mrs. C. D. Horne	Santa Clara	Variety plums	Diploma.

SPEED PROGRAMME.

MONDAY, SEPTEMBER 29, 1884.

RACE NO. 1—RUNNING.

Three-quarter mile dash. Free for all. Twenty-five dollars entrance; ten dollars forfeit; one hundred and fifty dollars added. Fifty dollars to second horse.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Forest King	S. J. Jones	San Francisco.
Dotty Dimple	Hill & Gries	San Francisco.
Quebec	H. Stover	San Francisco.
Jou Jou	W. Kelley	San Francisco.
Beaconsfield	E. J. Baldwin	San Francisco.

Position at Starting.	*Position at Close.*	
1. Forest King	Forest King	1
2. Dotty Dimple	Jou Jou	2
3. Quebec	Dotty Dimple	3
4. Jou Jou	Beaconsfield	4
5. Beaconsfield	Quebec	5

Time—1:15.

RACE NO. 2—RUNNING.

One mile dash for two-year olds. Twenty-five dollars entrance; ten dollars forfeit; one hundred and fifty dollars added. Fifty dollars to second horse.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Mischief	James Mee	San Francisco.
Arthur H	Hill & Gries	San Francisco.

Position at Starting.	*Position at Close.*	
1. Mischief	Arthur H	1
2. Arthur H	Mischief	2

Time—1:46¼.

RACE NO. 3—RUNNING.

Two-mile dash (handicap). Fifty dollars entrance; twenty-five dollars forfeit; fifteen dollars declaration; two hundred and fifty dollars added. One hundred dollars to second horse; third horse to save entrance. Weights announced September twenty-second. Declaration September twenty-fourth.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Bachelor	Hill & Gries	San Francisco.
Garfield	T. Pacheco	

Position at Starting.	*Position at Close.*
1. Bachelor	Garfield 1
2. Garfield	Bachelor 2

Time—3:37.

TUESDAY, SEPTEMBER 30, 1884.

RACE NO. 5—TROTTING.

2:22 Class. Purse, seven hundred and fifty dollars. First horse to receive four hundred and fifty dollars; second horse, two hundred and twenty-five dollars; third horse, seventy-five dollars. Mile heats, best three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Manon	J. H. Goldsmith	
Brigadier	J. B. McDonald	
Vanderlynn	Pat. Farrell	

Position at Starting.	*Position at Close.*			
1. Manon	Manon	1	1	1
2. Brigadier	Brigadier	2	3	2
3. Vanderlynn	Vanderlynn	3	2	3

Time—2:26; 2:22; 2:24¾.

RACE NO. 6—TROTTING.

2:30 Class. Mile heats, best three in five. Purse, five hundred dollars. First horse to receive three hundred dollars; second horse, one hundred and fifty dollars; third horse, fifty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Adrian	J. M. Leonard	
Anteeo	I. De Turk	
Thapsin	W. F. Smith	

Position at Starting.	*Position at Close.*			
1. Adrian	Anteeo	1	1	1
2. Anteeo	Adrian	3	2	2
3. Thapsin	Thapsin	2	3	3

Time—2:28; 2:26¼; 2:31.

WEDNESDAY, OCTOBER 1, 1884.

RACE NO. 7—RUNNING.

Half mile and repeat. Free for all. Twenty-five dollars entrance; ten dollars forfeit; two hundred dollars added. Seventy-five dollars to second horse.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Quebec	H. Stover	
Dotty Dimple	Hill & Gries	
Aunt Betsy	J. S. Adams	

Position at Starting.	*Position at Close.*		
1. Quebec	Dotty Dimple	1	1
2. Dotty Dimple	Aunt Betsy	2	2
3. Aunt Betsy	Quebec	3	3

Time—0:49½; 0:49½.

RACE NO. 8—RUNNING.

One and a half mile dash. Twenty-five dollars entrance; fifteen dollars forfeit; two hundred dollars added. Seventy-five dollars to second horse.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Beaconsfield	E. J. Baldwin	
Jou Jou	W. Kelley	
Billy the Kid	T. L. Richardson	

Position at Starting.	*Position at Close.*	
1. Beaconsfield	Beaconsfield	1
2. Jou Jou	Billy the Kid	2
3. Billy the Kid	Jou Jou	3

Time—2:37¼.

RACE NO. 9—RUNNING.

Selling race. One mile and repeat. For all ages. Purse, two hundred dollars. Entrance free. Fifty dollars to second horse. Fixed valuation, one thousand dollars. Two pounds off for each one hundred dollars below, and two pounds added for each one hundred dollars above fixed valuation.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Belshaw	E. B. Johnson	
Duke of Monday	Rancho del Paso	
Rondo	G. Howson	
Ariola	W. Boots	

Position at Starting.	*Position at Close.*			
1. Belshaw	Duke of Monday	3	1	1
2. Duke of Monday	Rondo	1	2	2
3. Rondo	Belshaw	2	3	0
4. Ariola	Ariola	4	4	0

Time—1:45; 1:47; 1:44¼.

THURSDAY, OCTOBER 2, 1884.

RACE NO. 10—TROTTING.

2:40 Class. Mile heats, best three in five. Purse, five hundred dollars. First horse, three hundred dollars; second horse, one hundred and fifty dollars; third horse, fifty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Menlo	Pat. Farrell	
James H	G. W. Baylis	
Guy Wilkes	San Mateo Stock Farm	

Position at Starting.	*Position at Close.*			
1. Menlo	Guy Wilkes	1	1	1
2. James H	Menlo	2	2	2
7. Guy Wilkes	James H	dis.		

Time—2:29; 2:27¾; 2:29½.

RACE NO. 11—TROTTING.

Mile heats, best three in five. Three-year olds. Purse, three hundred dollars. First horse, one hundred and eighty dollars; second horse, ninety dollars; third horse, thirty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Pansy	W. F. Smith	

Walkover for Pansy, for owner's entry, and one half the other entrance money.

RACE NO. 12—PACING.

Mile heats, best three in five. Purse, three hundred dollars. First horse, one hundred and eighty dollars; second horse, ninety dollars; third horse, thirty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Maud	H. J. Agnew	
Shaker	M. F. Odell	
Prince	J. C. Tryon	

Position at Starting.	*Position at Close.*			
1. Maud	Shaker	1	1	1
2. Shaker	Prince	2	2	2
3. Prince	Maud	dis.		

Time—2:23½; 2:25; 2:26½.

FRIDAY, OCTOBER 3, 1884.

RACE NO. 13—RUNNING.

One mile dash for two-year olds. Winner of No. 2, barred. Purse, two hundred dollars. Fifty dollars to second horse.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Mischief	Jos. Mee	

Walked over. Owner entitled to one half the other.

RACE NO. 14—RUNNING.

Free for all. One mile and repeat. Purse, two hundred and fifty dollars. Entrance free. Fifty dollars to second horse; twenty-five dollars to third horse.

Name and Pedigree of Horse.	By Whom Entered.	P. O Address.
Garfield	G. Pacheco	
Jou Jou	W. Kelley	
Billy the Kid	G. L. Richardson	

Position at Starting.	*Position at Close.*			
1. Garfield	Jou Jou	3	1	2
2. Jou Jou	Billy the Kid	1	3	2
3. Billy the Kid	Garfield	2	2	0

Time—1:45½; 1:45½; 1:45¼.

RACE NO. 15—RUNNING NOVELTY RACE.

One mile. Purse, three hundred and fifty dollars. Fifty dollars to first horse at one quarter pole; fifty dollars to first horse at one half mile pole; fifty dollars to first horse at three quarter mile pole; two hundred dollars to the first horse at the finish.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Beaconsfield	E. J. Baldwin	
Jim Douglas	G. Howson	

Position at Starting.	*Position at Close.*
1. Beaconsfield	Jim Douglas ..... 1 at all positions.
2. Jim Douglas	Beaconsfield 2

Time—1:42.

SATURDAY, OCTOBER 4, 1884.

Race No. 16—Trotting.

Mile heats (2:26 class) three in five. Purse, five hundred dollars. Three hundred dollars to first horse; one hundred and fifty dollars to second horse; fifty dollars to third horse.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
B B	J. W. Donathan	
Sister	J. A. Goldsmith	
Adair	W. F. Smith	

Position at Starting.	*Position at Close.*				
1. B B	Adair	1	1	2	1
2. Sister	Sister	2	2	1	2
3. Adair	B B	3	3	3	3

Time—2:27¼; 2:21½; 2:23¼; 2:21¼.

Race No. 17—Trotting.

Free for all. Director to wagon. Mile heats, three in five. Purse, seven hundred and fifty dollars. Four hundred and fifty dollars to first horse; two hundred and twenty-five dollars to second horse; seventy-five dollars to third horse.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Vanderlynn	Pat. Farrell	

Walked over. Owner entitled to one half the other.

Race No. — —Special Trotting.

Mile heats, three in five. Entrance free. Purse, one hundred dollars. Sixty dollars to first horse; thirty dollars to second horse; ten dollars to third horse.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Ed	Mr. Jackson	
Sorrel Ben	T. Kennedy	
Setting Sun	A. L. Hinds	
Ned	Jos. Edge	

Position at Starting.	*Position at Close.*					
1. Ed	Ned	3	3	1	1	1
2. Sorrel Ben	Ed	1	2	3	2	dis.
3. Setting Sun	Setting Sun	2	1	2	3	2
4. Ned	Sorrel Ben	4	4	4	dis.	

Time—2:42; 2:36½; 2:38½; 2:39¾; 2:35.

RACE No. 19—RUNNING.

Special race. One half mile and repeat. Purse, one hundred dollars; second horse, fifty dollars; entrance free.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Mischief	Jas. Mee	
George	T. M. Singleton	
Robin	W. Boots	
Tom Paine	W. L. Appleby	

Position at Starting.	*Position at Close.*			
1. Mischief	Mischief	4	1	1
2. George	George	1	3	2
3. Robin	Robin	3	3	
4. Tom Paine	Tom Paine	2	dis.	

Time—0:50; 0:51¾; 0:54¼.

RACE No. 20—PACING.

Owners put up stakes. Mile heats, three in five, to harness. Stake, two hundred dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Terra Cotta	E. B. Johnson	
Bruce	A. L. Hinds	

Position at Starting.	*Position at Close.*				
1. Terra Cotta	Bruce	1	2	1	1
2. Bruce	Terra Cotta	2	1	2	2

Time—2:33½; 2:38¼; 2:32; 2:31½.

RACE No. 21—TROTTING.

Special race. Mile heats, three in five. Purse, two hundred dollars. First horse, one hundred and twenty dollars; second horse, sixty dollars; third horse, twenty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Hunter	S. Sperry	
Tump Winston	E. Downer	
Scandinavian	P. Johnson	

Position at Starting.	*Position at Close.*					
1. Hunter	Tump Winston	2	1	2	1	1
2. Tump Winston	Scandinavian	1	2	1	3	2
3. Scandinavian	Hunter	3	3	3	2	3

Time—2:27½; 2:27½; 2:28¼; 2:33¼; 2:34.

RACE No. 22—TROTTING.

Special race. Mile heats, three in five. Purse, two hundred and fifty dollars. First horse, one hundred and fifty dollars; second horse, seventy-five dollars; third horse, twenty-five dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Lottery	Mr. Garrett	
Patchen	H. Hawes	
Whisper	Ed. Younger	

Position at Starting.	*Position at Close.*					
1. Lottery	Whisper	3	2	1	1	1
2. Patchen	Lottery	2	3	3	2	2
3. Whisper	Patchen	1	1	2	dis.	

Time—2:40; 2:40½; 2:34½; 2:36½; 3:02.

TRANSACTIONS

OF THE

SIXTH DISTRICT AGRICULTURAL ASSOCIATION

For the Year 1884,

Composed of the Counties of Inyo, Los Angeles, San Bernardino, San Diego, Santa Barbara, and Ventura.

OFFICERS OF THE ASSOCIATION.

WILLIAM H. WORKMAN ..... President.
R. H. HEWITT ..... Secretary.
E. F. SPENCE ..... Treasurer.

DIRECTORS.

WILLIAM H. WORKMAN ..... Los Angeles.
L. LICHTENBERGER ..... Los Angeles.
WILLIAM NILES ..... Los Angeles.
S. WASHBURN ..... Pasadena.
F. A. KIMBALL ..... National City.
ELLWOOD COOPER ..... Santa Barbara.
J. W. WATERS, JR. ..... San Bernardino.
N. C. CARTER ..... Sierra Madre.

REPORT.

Los Angeles, December 31, 1884.

To the honorable the State Board of Agriculture:

Gentlemen: The Directors of the Sixth District Agricultural Association submit this, their annual report of the transactions of said association, for the year ending this date.

Very respectfully yours,

R. H. HEWITT, Secretary.

RECEIPTS AND DISBURSEMENTS.

Receipts.

June	2—To D. O. Miltmore, two shares stock	$200 00
	9—To Fawcett, rent of Park	100 00
July	14—To W. R. Rowland, on note	10 00
	To S. P. Jewett, donation	10 00
	To J. Kiefer, donation	5 00
Aug.	21—To Fawcett, rent of Park	100 00
Sept.	6—To John J. Reynolds, entry Race No. 1	35 00
	To John J. Reynolds, entry Race No. 7	35 00
	16—To A. F. McPhail, entry Race No. 1	35 00
	To A. F. McPhail, entry Race No. 14	20 00
	To Wm. Smith, entry Race No. 9	20 00
	To Wm. Smith, entry Race No. 11	35 00
Oct.	1—To G. G. Arnold, entry Race No. 12	20 00
	10—To Dr. Wise, entry Race No. 2	35 00
	To Dr. Wise, entry Race No. 6	35 00
	11—To C. A. Durfee, entry Race No. 9	35 00
	13—To sale of hack badges	2 50
	To sale of season tickets (Griffin)	25 00
	To sale of season tickets (Marshall)	55 00
	To sale of season tickets (Hewitt)	20 00
	To Sweepstakes entries, Gardner	2 00
	To Sweepstakes entries, W. K. Morrison	2 00
	To Sweepstakes entries, Pedro Lugo	2 00
	To Sweepstakes entries, C. A. Durfee	2 00
	To Sweepstakes entries, N. T. Blair	2 00
	To Sweepstakes entries, C. A. Coffman	4 00
	To N. T. Blair, entry Race No. 1	35 00
	14—To L. H. Maybury, entry Race No. 1	35 00
	To J. N. Johnson, entry Race No. 2	35 00
	To D. R. Payne, entry Race No. 2	35 00
	To N. A. Covarrubias, entry Race No. 3	40 00
	To D. P. Hill, entry Race No. 3	40 00
	To E. Ficket, entry Race No. 4	20 00
	15—To Hill & Gries, special one half mile dash	10 00
	To B. P. Hill, entry Race No. 5	20 00
	To Hill & Gries, entry Race No. 5	20 00
	To A. Machado, entry mile dash	20 00
	To Kenniston & Co., per Simmons, mile dash	20 00
	To Hill & Gries, entry mile dash	20 00
	To N. T. Blair, entry Special Race No. 9	35 00

Oct. 15—To D. R. Payne, entry Special Race No. 9		$35 00
To Cyrus Lyon, for privileges		100 00
To chair privilege		8 00
To knife ring privilege		10 00
To M. Fawcett, account of privilege		100 00
To C. A. Durfee, entry Race No. 1		35 00
To hack badges		2 00
To season tickets sold (Place 20)		30 00
To quarter-stretch badges		6 00
16—To M. Fawcett, account of privilege		200 00
To Cy. Lyon, account of privilege		200 00
To Hill & Gries, entry one quarter dash		30 00
To E. Downer, entry in special race		40 00
To Jos. Edge, entry in special race		40 00
To A. T. Jackson, entry in special race		40 00
To E. L. Hinds, entry in special race		40 00
To Hill & Gries, entry in mile and repeat race		30 00
To B. P. Hill, entry three quarters of mile dash		20 00
To A. F. Machado, entry three quarters of mile dash		20 00
To Hill & Gries, three quarters of mile dash		20 00
To L. H. Mabury, entry pacing race		25 00
To W. Whiting, entry pacing race		25 00
To M. Fawcett, balance privilege		75 00
To Elias Williams, amount due National Trotting Association		124 13
18—To B. P. Hill, entry three quarters of mile dash		20 00
To L. H. Mabury, entry 2:45 class race		45 00
To A. F. Machado, entry half mile dash		30 00
		$2,582 13
Oct. 18—To cash from sale of tickets—Park and Pavilion		$3,789 10
To Killip & Co., pools		750 60
To proceeds of note at First National Bank		2,500 00
28—To State appropriation ($1,200, less $24 discount)		1,176 00
Dec. 7—To M. W. Fawcett, rent of Park		100 00
To McDonald & Richardson, rent of Park		100 00
31—To collections to date on account of guarantee notes, etc.		697 50
Total		$11,695 68

EXPENSES—DETAILED STATEMENT.

Premiums at Pavilion.

Warrant No. 71—Miss Irene Lamb		$5 00
72—Mrs. Moye Wicks		5 00
73—San Gabriel Fruit Growers Association		20 00
74—J. K. Brenizer		15 00
75—M. L. Wicks		10 00
76—Capitol Milling Company		5 00
77—Isaac Gibbs		10 00
78—C. N. Wilson		11 00
79—Stephen Strong, Jr.		18 00
80—W. B. Ambrose		5 00
81—J. M. Pitts		6 00
82—A. Boddy		37 00
83—M. Rosenbaum		60 00
84—H. Royce		2 00
85—A. F. Machado		10 00
86—Mrs. F. J. Barretto		10 00
87—Mrs. C. A. Baskerville		5 00
88—Miss S. J. Parkhurst		5 00
89—Mrs. C. S. Brown		5 00
90—Mrs. Mary T. Macey		10 00
91—Miss Nellie Macey		5 00
92—Miss Stella Haines		5 00
93—James Stewart		40 00
94—T. J. Kerns		10 00
95—J. W. Wolfskill		15 00
96—N. M. Townsend		15 00
97—B. F. Ball		5 00

Warrant No. 98	—A. K. McQuilling	$5 00
99	—H. Bryant	10 00
100	—J. H. Baker	10 00
101	—A. Phillips & Son	15 00
102	—J. Harbert	5 00
103	—A. C. Weeks	15 00
104	—Miss Hattie White	25 00
105	—Mrs. R. R. Haines	5 00
106	—Stern & Rose	20 00
108	—J. W. Potts	10 00
109	—John Grelck	15 00
110	—O. W. Childs' Nurseries	30 00
111	—J. E. Pleasants	26 00
112	—N. Levering	15 00
113	—W. W. Bliss	5 00
125	—J. M. Duncan & Co., for silverware	120 30
172	—A. Boddy	15 00
	Total	$695 30

Expense Account at Pavilion.

Warrant No. 31	—Thos. A. Garey, Superintendent	$150 00
57	—J. S. Mills, Assistant Superintendent	30 00
58	—Isaac S. Smith, Entry Clerk	36 00
59	—A. N. Hamilton, Ticket Agent	24 00
60	—Len. J. Thompson, Ticket Agent	24 00
61	—W. E. Garey, doorkeeper	30 50
62	—Chas. Chaplain, doorkeeper	30 50
63	—Mrs. A. H. Longley, Assistant Superintendent	22 00
64	—Alfred Wright, night watchman	31 00
65	—Andrew Fuhrburg, janitor	16 00
66	—F. R. Pitney, guard	27 50
67	—W. B. Swift, guard	27 50
68	—W. J. Richardson, guard	25 00
69	—W. L. Phillips, laborer	20 00
70	—N. Levering, Superintendent Honey Department	18 00
161	—Electric Light Co., lighting Pavilion	66 00
180	—G. L. Morey, drayage	1 00
181	—Abernathy & Co., rent of showcase	5 00
184	—H. Holst, drayage	2 25
185	—F. C. Morey, drayage	15 75
186	—Meyberg Bros., rent of plates	8 00
187	—Northcraft & Clark, rent of showcases	6 00
	Total	$616 00

Premiums at Park.

Warrant No. 114	—F. J. Barretto	$146 00
116	—Wm. Niles	139 50
117	—H. M. Johnson (net)	100 00
118	—A. F. Machado	18 00
195	—E. J. Baldwin (net)	100 00
120	—Jacob Bertch	15 00
151	—J. W. Ernst	8 00
122	—Daniel Griswold	20 00
123	—Anderson Rose	38 00
124	—C. A. Durfee	35 00
127	—H. A. Grewell	8 00
128	—J. W. Gardner	27 00
129	—G. B. Arnold	15 00
130	—Kenniston & Co.	15 00
131	—E. R. Latour	19 00
132	—C. A. Coffman	28 00
133	—F. Wakeman	33 00
134	—Geo. Strechey	2 50
135	—James T. Brown	25 00
163	—C. A. Coffman	48 00
	Total	$840 00

Expense Account at Park.

Warrant No. 32	J. A. Willing, gatekeeper	$23 00
34	W. L. Webb, gatekeeper	23 00
35	C. H. Richardson, Ticket Clerk	23 00
36	Fred. Smith, Ticket Clerk	23 00
37	J. A. Cline, gate Grand Stand	12 50
38	M. K. Barretto, quarter-stretch gate	12 50
39	A. A. Knox, guard	12 50
40	C. Cruz, quarter-stretch police	12 50
41	H. T. Harris, track gate	12 50
42	Geo. Harnmell, distance pole	12 50
43	W. E. Morford, Timer	15 00
44	A. H. Miller, Superintendent of Grounds	28 00
45	J. L. Fouck, Marshal	23 00
46	J. C. Cline, inside gate	15 00
47	H. A. Webb, Grand Stand	12 50
48	Bert Smith, Grand Stand	12 50
49	S. A. Tuttle, tickets Grand Stand	15 00
50	L. Marshall, Entry Clerk	20 00
51	J. D. Schieck, messenger and clerk	12 50
52	Oscar Macy, Clerk of Races	21 00
53	John A. Donovan, night watch	12 00
54	Frank Carpenter, guard	10 00
55	A. Kalmbach, music	210 00
115	J. T. Dilke, night watch	2 50
135½	W. A. Nuttleton, laborer	12 50
136	Gaylord Flint	8 75
137	H. Guppe, watchman	3 50
138	H. Stephens, laborer	1 00
139	N. A. Jensen, laborer	3 00
146	Breeder and Sportsman, trotting rules	1 00
177	J. A. Nichols, straw	31 65
183	John A. Jackson, teaming	2 00
183½	H. Herwig, drayage	3 50
190	County tax, 1884-85	230 18
	Total	$873 08

Purses Paid at Park.

Warrant No. 6	N. T. Blair	$50 00
7	L. H. Mabury	225 00
8	C. H. Durfee	75 00
9	K. D. Wise	40 00
11	D. R. Payne	80 00
12	Hill & Gries	245 00
13	K. D. Wise	50 00
16	E. Downer, Jos. Edge, and A. T. Jackson	400 00
17	Hill & Gries	325 00
18	T. F. Lynch (net)	210 00
19	Wm. Smith	168 00
19½	C. Fickett	70 00
23	Hill & Gries	133 33
24	W. Whitney	75 00
25	Kenniston & Co. (net)	336 66
26	N. A. Covarrubias (net)	447 50
27	C. A. Durfee (net)	505 00
28	B. P. Hill	300 00
29	L. H. Mabury	215 00
30	N. T. Blair (net)	15 00
192	L. J. Rose (net)	120 00
	Total	$4,085 49

Miscellaneous Expenses.

Warrant No. 1	E. A. De Camp, expenses and balance salary, 1883	$114 66
2	C. J. Glover, drayage	2 95
3	G. F. McLellan, insurance	120 00
4	G. B. Griffin, acknowledging deed	2 00
5	First National Bank, balance of note, 1883	97 17
15	Hotel expenses of Judges of races	11 25

Warrant No.	20—D. R. Payne, return of entry		$35 00
	21—T. D. Mott, return of entry		35 00
	22—N. T. Blair, return of entry		35 00
	56—Amount paid on note of 1883, First National Bank		200 00
	107—F. Adam, rent Turn Verein Hall		150 00
	126—R. H. Hewitt, account of salary		100 00
	140—J. D. Gilchrist, printing		30 00
	141—Express, printing and advertising		50 00
	142—Dillon & Kennally, material		25 15
	143—Marley & Freeman, printing		6 50
	144—P. Hirchfield & Co., stationery		1 50
	145—Lazarus & Milzer, stationery		1 53
	147—H. L. R. Stiles, entry books		1 05
	148—C. Jacoby, Post, advertising		5 00
	149—Times-Courier, Pomona, advertising		5 00
	150—Santa Ana Herald, advertising		5 00
	151—Burton-Taney Printing Company		15 00
	152—Downey Signal, advertising		5 00
	153—Times-Mirror, printing and advertising		52 30
	154—L. J. Thompson, stationery		19 95
	155—Los Angeles Herald, printing and advertising		107 60
	156—Porcupine, advertising		5 00
	157—San Pedro Record, advertising		10 00
	158—Los Angeles Democrat, advertising		5 00
	159—Express (old paper), advertising		16 00
	160—C. H. Watts, band wagon, etc.		100 00
	162—Rural Californian, advertising		7 50
	164—Colton Semi-Topic, advertising		5 00
	165—San Bernardino Index, advertising		5 00
	166—R. H. Hewitt, incidental expenses		50 97
	167—Harper, Reynolds & Co., hardware		15 85
	168—W. C. Furrey, hardware		12 15
	169—Riverside Press, advertising		5 00
	170—Kerckhoff, Cuzner & Co. Lumber Company, lumber		15 25
	171—Los Angeles Furniture Company, chairs, etc.		12 15
	173—Manning & Orfutt, painting		10 25
	174—Anaheim Gazette, advertising		5 00
	175—W. J. Broderick, insurance		52 10
	176—L'Union, advertising		5 00
	178—Mrs. R. H. Hewitt, account of baby blanket		7 00
	179—Widney Bros., one half baby carriage		15 00
	182—Santa Ana Herald, advertising		5 00
	188—H. S. Parcells, city taxes 1884 and 1885		21 25
	189—San Bernardino Times, advertising		5 00
	191—La Cronica, advertising		5 00
	193—Pasadena Valley Union, advertising		5 00
	194—First National Bank, account of loan		1,176 00
	195½—First National Bank, account of loan		1,000 00
	197—Annual membership National Trotting Association		56 00
	198—Secretary, account of salary		100 00
	199—Wm. H. Workman, account of balance note at bank		324 00
	200—Spirit of the Times, advertising		50 00
	201—First National Bank, account interest		19 75
	Total		$4,359 83

Premiums at Pavilion	$695 30	
Expenses at Pavilion	616 00	
		$1,311 30
Premiums at Park	$883 00	
Expenses at Park	873 08	
Purses paid at Park	4,085 49	
		5,841 57
Miscellaneous expenses		4,359 83
Total		$11,511 70

Receipts—Statement.

Two shares stock sold		$200 00
Received and deposited by Secretary before October 11		617 50
Oct. 14—Received from Park	$608 75	
14—Received from Pavilion	149 69	
		758 40
15—Received from Park	$819 80	
15—Received from Pavilion	265 35	
		1,085 15
16—Received from Park	$1,030 30	
16—Received from Pavilion	208 30	
		1,238 60
17—Received from Park	$1,109 78	
17—Received from Pavilion	460 75	
		1,570 53
18—Received from Park	$580 60	
18—Received from Pavilion	148 20	
		728 80
18—Received from school tickets	$133 60	
18—Received from season tickets	35 00	
18—Received from Killip & Co.	750 60	
		919 20
23—Received from note given to First National Bank		2,500 00
Nov. 28—State appropriation ($1,200), less discount ($24)		1,176 00
Dec. 7—M. W. Fawcett, lease of Park		100 00
7—McDonald & Richardson, lease of Park one quarter, to March 3, 1885		100 00
31—Guarantee Fund to date		697 50
Total		$11,695 68

RECAPITULATION.

Total receipts	$11,695 68
Total disbursements, as per vouchers	11,511 70
Balance in treasury December 31	$183 98

LIST OF SUBSCRIBERS TO GUARANTEE NOTE FUND, WITH THEIR OCCUPATIONS—FIFTEEN PER CENT LEVIED TO MEET DEFICIENCY.

Name.	Occupation.	Amount.
W. H. Workman	Winery	$100 00
S. Washburn	Farmer	100 00
N. C. Carter	Real estate	100 00
L. Lichtenberger	Carriages	100 00
G. F. McLellan	Insurance	100 00
Chaffey Bros.	Real estate	100 00
Dunham & Schieffelin	Hotel (Pico)	100 00
Dunham & Schieffelin	Hotel (St. Elmo)	100 00
William Ferguson	Livery	100 00
O. T. Barker & Sons	Furniture	100 00
J. F. Crank	Capitalist	100 00
I. F. Forster	Capitalist	100 00
J. M. Duncan & Co.	Jewelry	100 00
M. Dodsworth	Pork packer	100 00
T. A. Gardner	Confectionery	100 00
Joseph Bayer & Co.	Liquors	100 00
C. R. Fickett	Contractor	100 00
C. H. Watts	Livery	100 00
J. W. Robinson	Drygoods	100 00
H. Jeone	Grocer	100 00
A. Hamburger	Drygoods	100 00
Charles Bauer	Saloon	100 00
T. D. Mott	Capitalist	100 00

SUBSCRIBERS TO GUARANTEE NOTE FUND—Continued.

NAME.	Occupation.	Amount.
Robert Eckert	Restaurant	$100 00
A. T. Currier	Sheriff	100 00
Seymour & Johnson	Grocers	100 00
H. Siegel	Hatter	100 00
M. Levy & Co.	Liquors	100 00
Charles Eaton	Saloon	100 00
O. W. Childs	Capitalist	100 00
J. E. Hollenbeck	Capitalist	100 00
John Lang	Farmer	100 00
L. J. Rose	Vineyardist	100 00
Moore & Maxwell	Commission	100 09
M. S. Rowell	Hotel (Natick)	100 00
M. S. Baker & Co.	Foundry	100 00
Charles E. Miles	Recorder	100 00
J. R. McManis	Carriages	100 00
N. A. Covarrubias	Livery	100 00
J. G. DeTurk	Livery	100 00
Hawley Bros. Hardware Company	Hardware	100 00
Hayden & Lewis Company	Hardware	100 00
Schoder, Johnston & Co.	Hardware	100 00
H. Newmark & Co.	Grocers	100 00
Hellman, Haas & Co.	Grocers	100 00
Maier & Zubelein	Brewers	100 00
S. H. Mott	Lumber	100 00
Dotter & Bradley	Furniture	100 00
Robert S. Baker	Capitalist	100 00
E. F. McGinnis	Saloon	100 00
E. F. Spence	Banker	100 00
W. J. Broderick	Insurance	100 00
Polaski Brothers	Clothiers	100 00
Dillon & Kenealy	Drygoods	100 00
Harper, Reynolds & Co.	Hardware	100 00
George Hinds	Butcher	100 00
H. L. Macneil	Banker	100 00
Jacoby Bros.	Clothiers	100 00
L. Harris & Co.	Clothiers	100 00
Stern, Kohn & Loeb	Drygoods	100 00
W. C. Furrey	Hardware	100 00
Henry J. Woollacott	Liquors	100 00
Burch & Boal	Grocers	100 00
H. H. Boyce	Publisher	100 00
Hammel & Denker	Hotel (United States)	100 00
J. W. Waters, Jr.	Cattle raiser	100 00
F. J. Barretto	Dairyman	100 00
M. Blum & Co.	Cigars	50 00
Louis Roeder	Carriages	50 00
Ponet & Orr	Undertakers	50 00
Bisbee & Wenger	Saloon	50 00

OPENING ADDRESS

OF HON. L. J. ROSE, AT THE PAVILION, TUESDAY EVENING, OCTOBER 14, 1884.

Ladies and Gentlemen: I have been amongst you many years more than I care to remember; have seen the great changes that have taken place in these southern counties forming this district; helped to organize this association, and from small beginnings have seen it grow to what it now is. When I first came to Los Angeles County there was no general settlement about the Mission San Gabriel. There was no Pasadena, no Alhambra, no Riverside, Pomona, Ontario. These were waste places and unoccupied, where sleek cattle and fleet wild horses roamed at will. The plow had not then broken the virgin soil nor destroyed the natural beauty of the flowers which annually reproduced themselves with renewed beauty and perfume. Our mountain streams, now imparting the loveliness to these colonies, then tumbled and foamed over bowlders and obstructions in solitary cañons, unused and almost unknown, until drank up in the sands of the plains. Springs sent forth their meandering limpid rivulets through the shade of trees, or flashed in the sunlight of the plains, being visited now and then by coveys of quail to quench their thirst, or flocks of birds, who in fluttering delight would take their evening bath. Then all was quiet and hushed in the oak-grown slopes next to the Sierra Madre Mountains, and only broken by the varied notes of the mocking-bird as he sent forth his mimic medley from the tops of a hundred trees, or by the loud beating on some decayed tree of the woodpecker, which, in the weird stillness, required no very vivid imagination to believe it the call of some genii of the woods. What a great change has taken place. Instead of all this quiet, perchance broken by some lone vaquero, now we have colonies of a thousand happy homes, each one vying with the other in its beauty of surroundings. Where there grew wild flowers now are reared by hand of loved woman the violet, the mignonette, the rose, the lily, and all the various flora of the world. Where formerly were uncultivated plains, where Pomona was only represented by the prickly cactus, man now grows in profusion and beauty the apple, the pear, the grape, the orange, the olive, the fig—in short almost every variety of fruit grown in the tropics or temperate zone. It is a transformation scene, which cannot be realized or believed except it is seen, and even then each year makes changes that fill even us with wonder.

We, of Southern California, have much to be proud of, and we may be excused if we are elated. There is no portion of this State—a State which is the brightest jewel in the diadem of our Union—which excels us in any of the beautiful productions about which all Californians boast. We raise more corn than the balance of the State; our wheat will fairly average, when compared with the whole State;

we excel in the raising of barley, and we are the peer in grapes, in pears, in apricots, in peaches, and the admitted superior in semi-tropical productions. Nor is our live stock department suffering in comparison. Take our sheep and wool clip; take our Jerseys, Durham, and Polled Angus cattle, and when critically compared with stock from other portions of the State, many blue ribbons are brought home. Take our horses for the last year, and they have created quite a ripple of admiration, both home and abroad, and our small ventures in the breeding line indicate with much certainty that we will be the favored section for producing as fleet and as beautiful animals as can be produced in the world. In view of all these varied industries, excelling in all, can it be otherwise than that we must and will be a prosperous people? We are only on the threshold of our growth and development. I see fair young faces and brave youth who will see and help make changes in this beautiful country that will be the marvel of coming generations. Our whole country will be what now is seen in some bright spot, made beautiful by the hand of man. All of our soil is fertile and adapted to some kind of culture, and although each and every locality may not be adapted to every variety of fruit culture, nor is this necessary, nor even desirable.

We want varied industries to suit the various tastes, inclinations, and desires of all. Nor is there any poverty of choice. The wide range of productions of fruits, of farm products, and of the garden, that can be grown, and grown to marvellous perfection and ease; the variety and choice of occupation that can be chosen and done well, are almost confusing. It is not what can be done, but what shall be his specialty, that troubles the beginner.

The growing of grapes for wine will no doubt be one of the leading industries; the raising of grapes for raisins, in favorable localities, will be the choice of many. The growing of the orange, the lemon, and the lime will, in localities favorable to their culture, be always a specialty confined to this district. The growing of the various fruits, like the pear, the peach, the apricot, etc., is a growing industry, and such fruits will be used for canning, for shipping in their natural state, or for drying. The drying of fruits, no doubt, will in the near future assume large proportions, for it is especially adapted to every family home; for the young and the old, all can do some part of the easy task, learning the boys and girls habits of industry and making all feel that they are sharing responsibilities and labor for the benefit of the household. Then there is the olive, which in time will be grown on our hillsides and waste places, and make employment for young and old, and yielding good profits and making a new export. The growing of seeds, both for the vegetable and flower garden, should be an industry that would pay well. California now imports at least three fourths of her wants. The making of perfumes, no doubt, will in time attract the attention of some specialist, and I know no country that would have superior advantages for either.

Our moist land will, too, play an important role in this general and diversified prosperity. Such localities are especially adapted for creameries, for the raising of pigs, for the growing of hops, corn, alfalfa, potatoes, and a thousand other productions. In fact, there are so many industries, all promising fair returns for light and pleasant labor, that it would be tiring for you to listen to their enumeration, for all these things are known and suggested to you daily in this favored land of grand and varied resources. As yet little has

been done; we are as yet only pioneers in working out these diversified industries, growing out of our unequaled climate and fertility of our soil.

I would most respectfully urge the people of these southern counties to attend the annual reunions of these meetings, and I especially ask the attendance of the ladies, for wherever they are, you will find order, refinement, and pleasure; wherever you find them you will find man with his best behavior, with a desire to appear at his best, and with a desire to make the best exhibition in whatever department he may have articles competing. He wishes the approval and smile of his sweetheart, even if that sweetheart is his wife. Bring, too, your young folks, for fairs are great educators for the young. It teaches them to acquire correct judgment of the forms of animals, what is the best form or breed for a cow for milk or for beef, what is the best form for a horse for draft, for light work, and for speed. It brings beautiful animals with lines for utility and beauty to his notice, and he will learn to compare one breed and form with another breed, and by hearing them discussed, will learn what is the best. Thus he will form the determination to raise such stock; and this universal education of our youth, creating desires, will in turn, stock your country with the best and make your country rich. Your young ladies will see the various productions of the housewife, learning how such beautiful preserves, canned fruits, butter, or cheese are made, or seeing the fairy productions of other maidens in some fancy needlework or some beautiful painting, or the exhibition of beautiful flowers, either cut or growing, will go home with a new desire to beautify the house with like work, and will train the rose, the honeysuckle, and the jasmine, making shade, fragrance, and beauty to your cottage, fitting it for the abode where refinement, love, and contentment dwells.

Recreation is too what is needed at times to all. All work and no play makes Jack a dull boy. This continual strife and worry for the dollar, wears you out prematurely, and makes you an animal that has a treadmill path, which is neither full of joy to yourself, and certainly not to your friends nor to your families. In fairs, like in everything else, to accomplish the greatest good, or make it the most enjoyable, you want a boom. You want to see everybody and his neighbor in order to have a good time generally, and talk over all the various productions that are exhibited, and when the interest is once awakened, I warrant you next year you will, too, have something nice, which you will want your neighbor to see. There is as yet too little enthusiasm in these matters, and in the Eastern States, with less to exhibit, attendance is almost universal. A short time ago I read that in Kansas City there were forty-five thousand people attending the fair in one day, and fifteen or twenty thousand people is a common occurrence at these district gatherings, whereas, take St. Louis, and a hundred thousand people would not be uncommon. This want of attendance is unfortunate, for your directors of this association cannot make it as useful and attractive as they desire, and although the citizens of Los Angeles City may be liberal in subscribing money, they could do much better by retaining their money, and by going and inducing the attendance of all, for then money need not be subscribed by any one. Take St. Louis, Louisville, and other places, and these cities will choose one day in fair week and close up all places of

business, making it a holiday, and everybody has a general day of enjoyment.

But I will not detain you much longer. It is ever a pleasure—yes, my very nature impels me to sing the praise of our favored locality. We have a climate which is as perfect as can be found on earth, imparting health and buoyant spirits. To feel full of energy and full of life to accomplish ends with ease is common to us all. We have a generous soil, yielding abundance, with scarcely a failure whenever a call is made upon it. We have an ocean at our doors which rolls its pacific waves against our coast, which, by its trade winds, tempers the heat of Summer, and it is a highway for vessels that carry our products to the four corners of the earth. We, too, have railroads, which in a few days carry us to every part of this continent, and they have been the important factor in our prosperity. In fact, it may be stated as a certainty that these railroads have more than doubled all values in Los Angeles County in the past five years. Nor is this created value a fictitious one, for it is based upon income, for these roads have opened up new markets for the sale of our products, giving us enhanced prices by carrying wheat, wine, wool, and other products to every part of our land and to Europe, and bringing back in their return necessaries or luxuries at reduced prices.

EXHIBITS AND PREMIUMS AWARDED—1884.

FIRST DEPARTMENT.

Live Stock.	Name of Owner.	P. O. Address.	Name of Animal.	Premium.
CLASS I—THOROUGHBRED.				
Best colt, two years old	E. J. Baldwin	Savannah	Brandywine	$10 00
Best mare, four years old and over	E. J. Baldwin	Savannah	Maggie Emerson	$15 00
Best stallion, aged	E. J. Baldwin	Savannah	Grinstead	$20 00
Second best stallion, aged	E. J. Baldwin	Savannah	Rutherford	
Best mare with sucking colt	E. J. Baldwin	Savannah	Hermosa	$15 00
Best sucking colt	E. J. Baldwin	Savannah	Hermosa's colt	$5 00
Best mare colt, one year old	E. J. Baldwin	Savannah	Mollie McCarthy (b. f.)	$5 00
Second best mare colt, one year old	E. J. Baldwin	Savannah	Bonita (b. f.)	
CLASS II—THOROUGHBRED FAMILIES.				
Best sire, with not less than five of his colts	E. J. Baldwin	Savannah	Grinstead	$25 00
Best dam and two of her colts	E. J. Baldwin	Savannah	Maggie Emerson; colts, Silver Cloud and Primero	$15 00
Best colt	E. J. Baldwin	Savannah	Silver Cloud	$8 00
Second best colt	E. J. Baldwin	Savannah	Primero	$5 00
CLASS III—GRADED.				
Best stallion, five years old	G. G. Arnold	Hueneme	Ben Wade, Jr.	$15 00
Best stallion, two years old	J. W. Gardner	Santa Ana	Pacific (b. s.)	$12 00
CLASS IV—DRAFT HORSES.				
Best stallion, three years old and over	Jacob Bertch	Springville	Don Victor and five colts (no competition)	$15 00
Best mare, six years old	Daniel Griswold	Westminster	Minnie (b. m.)	$12 00
Best stallion	Anderson Rose	La Ballona	Napoleon (dapple gray)	$15 00
CLASS V—ROADSTERS.				
Best stallion, three years old and over	C. A. Durfee	Los Angeles	Del Sur (b. s.)	$15 00
Best stallion, two years old and over	J. W. Gardner	Santa Ana	Black Diamond	$15 00
Best mare	Kenniston & Co.	San Bernardino	Nellie Monroe	$15 00

CLASS VI—CARRIAGE HORSES.				
Best carriage horses	N. A. Covarrubias	Los Angeles		
Second best carriage horses	N. T. Blair	Los Angeles		
CLASS VIII—SADDLE HORSES.				
Best saddle horse	Andreas Machado	La Ballona	Machado (b. g.)	$10 00
CLASS X—GENERAL PURPOSES.				
Best stallion for general purposes	E. P. Latour	Los Angeles	Black Model (Canadian)	$8 00
Best mare for general purposes	H. A. Grewell	Santa Barbara	Dolly (roan)	$8 00
CLASS XI—COLTS.				
Best sucking colt	Anderson Rose	La Ballona	No name	$8 00
Best family of colts	Anderson Rose	La Ballona	Six colts sired by Napoleon	$15 00
Best colt, one year old	E. J. Baldwin	Savannah	No name	$8 00
Best sucking colt, thoroughbred	E. J. Baldwin	Savannah	No name	$8 00
Best yearling colt	J. W. Ernst	Los Angeles	Beatrice	$8 00
Best colt, less than one year old	Daniel Griswold	Westminster	Alice	$8 00
CLASS XII—SWEEPSTAKES.				
Best mare	E. J. Baldwin	Savannah	Maggie Emerson	$20 00
Best stallion	C. A. Durfee	Los Angeles	Del Sur	$20 00
Second best stallion	E. P. Latour	Los Angeles	Black Model	$11 00
CATTLE—CLASS I—DURHAM.				
Best bull, three years old and over	Paige & Johnston	Los Angeles	Black Commodore	$20 00
Best bull, one year old	Paige & Johnston	Los Angeles	Fred Douglas	$8 00
Second best bull	William Niles	Los Angeles	Fifth Duke of Alameda	$8 00
Best heifer calf	William Niles	Los Angeles	Primrose	$8 00
Best cow, three years old	Paige & Johnston	Los Angeles	Miss Fyfe	$10 00
Best heifer calf	Paige & Johnston	Los Angeles	Miss Ella Fyfe	$10 00
CLASS II—JERSEY CATTLE.				
Best bull, three years old	F. J. Barretto	Downey	Blythe's Othello	$16 00
Best bull, two years old	F. J. Barretto	Downey	Joe Romero	$10 00
Best bull, one year old	F. J. Barretto	Downey	Buckboard	$6 00
Second best bull	F. J. Barretto	Downey	Gold Foil	$3 00
Best bull calf	F. J. Barretto	Downey	Spread Brow	$3 00
Best cow, three years old	F. J. Barretto	Downey	Sun Maid	$16 00
Second best cow, three years old	F. J. Barretto	Downey	Pomona	$8 00
Best cow, two years old	F. J. Barretto	Downey	Marguerctta Folks	$16 00
Best cow, one year old	F. J. Barretto	Downey	Belle Esprit	$8 00

FIRST DEPARTMENT—Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Premium.
Best heifer calf	F. J. Barretto	Downey	Miss Veda	$6 00
Second best bull, one year old	William Niles	Los Angeles	Gold Dust	$8 00
Second best one-year old heifer	William Niles	Los Angeles	Lady Harebell	$8 00
CLASS III—DEVONS AND HOLSTEINS.				
Best bull (Devon), one year old	Andreas Machado	La Ballona	George the Fourth	$8 00
Best cow (Holstein)	William Niles	Los Angeles	Annie Clifton	$16 00
Second best bull (Holstein)	William Niles	Los Angeles	Joe Gilbert	$8 00
Best heifer calf (Holstein)	William Niles	Los Angeles	Rosa Dale	$8 00
Second best heifer calf (Holstein)	William Niles	Los Angeles	Queen Adaline	$6 00
CLASS IV—HERDS.				
Second best herd (Jerseys), two years old and over	F. J. Barretto	Downey		$10 00
Best herd Polled Angus, bull and three cows (special)	Paige & Johnston	Los Angeles	Black Commodore, Miss Fyfe, Favorite, and Blossom	$20 00
Best herd, under two years old	F. J. Barretto	Downey		$15 00
CLASS V—SWEEPSTAKES.				
Best bull calf	F. J. Barretto	Downey	Gold Foil	$20 00
Second best bull calf	F. J. Barretto	Downey	Joe Romero	$10 00
Best bull, any age or breed (Polled Angus)	Paige & Johnston	Los Angeles	Black Commodore	$20 00
Best cow, any age or breed (Polled Angus)	Paige & Johnston	Los Angeles	Miss Fyfe	$12 00
CLASS VI—GRADED.				
Best cow, fatted (Polled Angus)	Paige & Johnston	Los Angeles	Favorite	$10 00
Best cow	William Niles	Los Angeles	Betty	$10 00
Second best fatted cow	William Niles	Los Angeles	Cleopatra	$5 00
Best heifer calf	F. J. Barretto	Downey	Blended	$5 00
CLASS I—SWINE—BERKSHIRE.				
Best boar, six months old	C. A. Coffman	Ranchito	Richmond	$8 00
Best breeding sow, one year old	C. A. Coffman	Ranchito	Betsy Corbett	$8 00
Best breeding sow, under one year old	C. A. Coffman	Ranchito	Miss S	$8 00
Best pigs, under ten months	C. A. Coffman	Ranchito	By Richmond and Miss S	$8 00
Best boar, two years old and over	Wm. Niles	Los Angeles	Royal Briton	$10 00
Second best breeding sow	Wm. Niles	Los Angeles	Victoria	$5 00
Second best breeding sow, over six months and under one year	Wm. Niles	Los Angeles	Royal Maid	$8 00

CLASS II—POLAND-CHINA.				
Best boar, three years old	F. Wakeham	Santa Ana	General	$10 00
Second best sow, over one year	F. Wakeham	Santa Ana	Susie	$10 00
Second best sow, one year old	F. Wakeham	Santa Ana	Pride of the Valley	$5 00
Best sow, six months old	F. Wakeham	Santa Ana	Daisy 2d	
Best pair of pigs	F. Wakeham	Santa Ana	Sambo and Queen	
SWEEPSTAKES.				
Best boar, any age or breed	C. A. Coffman	Ranchito	Richmond	$10 00
Best sow	C. A. Coffman	Ranchito	Betsy Corbett	$10 00
Best boar and sow and six pigs	C. A. Coffman	Ranchito		$10 00
POULTRY.				
Best pair Light Brahmas	Geo. I. C. Starrey	Santa Monica		$2 50
Best pair Plymouth Rocks	Jas. T. Brown	Los Angeles		$2 50
Best pair White Leghorns	Jas. T. Brown	Los Angeles		$2 50
Best pair Brown Leghorns	Jas. T. Brown	Los Angeles		$2 50
Best pair White-faced Black Spanish	Jas. T. Brown	Los Angeles		$2 50
Best pair Langshans	Jas. T. Brown	Los Angeles		$2 50
Best pair Houdans	Jas. T. Brown	Los Angeles		$2 50
Best pair Partridge Cochin	Wm. Niles	Los Angeles		$2 50
Best pair Buff Cochin	Wm. Niles	Los Angeles		$2 50
Best pair White Cochin	Wm. Niles	Los Angeles		$2 50
Best pair Silver-spangled Hamburgs	Wm. Niles	Los Angeles		$2 50
Best pair Bronze turkeys	Wm. Niles	Los Angeles		$2 50
Best pair Toulouse geese	Wm. Niles	Los Angeles		$2 50
Best pair Rouen ducks	Wm. Niles	Los Angeles		$2 50
Best pair Pekin ducks	Wm. Niles	Los Angeles		$2 50
Best pair Searoeks	Wm. Niles	Los Angeles		$5 00
Best pair Guinea fowls	Wm. Niles	Los Angeles		$2 50
Best and largest collection of fowls	Jas. T. Brown	Los Angeles		$10 00

THIRD DEPARTMENT.

TEXTILE FABRICS.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Mrs. S. M. Thayer	Los Angeles	Best rag carpet	Vase.
Miss Gertrude Williams	Los Angeles	Best hearth rug	Teaspoons.
Mrs. R. H. Hewitt	Los Angeles	Silk embroidery	Fancy vase.
Mrs. F. M. Shepherd	Los Angeles	Best crochet tidy	Fancy vase.
J. Wilhelm	Los Angeles	Second best hearth rug	Teaspoons.
Miss Betty Thacker	Los Angeles	Best darned net bedspread	Teaspoons.
Mrs. W. Friend	Los Angeles	Best braided pillow shams	Napkin ring.
Mrs. Stephen Schallmo	Los Angeles	Second best tidies	Napkin ring.
Mrs. Alfred Myers	Los Angeles	Best afghan	Teaspoons.
Mrs. L. P. Mayer	Los Angeles	Best darned net sacque	Silver cup.
Mrs. M. Springer	Los Angeles	Best log cabin quilt	Silver cup.
Mrs. S. H. Pitney	Los Angeles	Best silk crochet collars	Napkin ring.
Miss Gertrude Williams	Los Angeles	Wall panel	Spoon holder.
Miss Aggie McLaughlin	Los Angeles	Best tablespread	Silver cup.
Mrs. Martha Batz	Los Angeles	Best crochet quilt	Silver cup.
J. Rosenfield	Los Angeles	Best knitted bedspread	Teaspoons.
Mrs. M. A. Cope	Los Angeles	Best specimen wax flowers	Fancy vase.
Mrs. H. H. White	Los Angeles	Second best specimen Kensington painting	Silver spoons.
Mrs. Th. Wigand	Los Angeles	Best ribbon and azerene work	Fancy vase.
Wm. Greve	Los Angeles	Best patchwork quilt	Napkin ring.
Mrs. T. F. Barnes	Los Angeles	Best feather edge and crochet baby dress	Silver cup.
Mrs. T. F. Barnes	Los Angeles	Best embroidered baby shawl	Fancy vase.
Mrs. M. A. Cope	Los Angeles	Best specimen Kensington painting	Fancy vase.
Miss C. Walter	Los Angeles	Best baby cap	Silver cup.
Mrs. W. B. Spratt	Los Angeles	Best crochet shawl	Fancy vase.
Jas. Cumpston	Vernon	Best point lace handkerchief	Teaspoons.
Mrs. R. Frey	Los Angeles	Embroidered panel piece	Silver cup.
Miss Lillie T'Artois	Los Angeles	Best tidies	Napkin ring.
Mrs. Georgie Lambourne	Los Angeles	Table scarf ribbon work and embroidery	Vase.
Miss Mary B. Scott	Los Angeles	Best macrone bag	Fancy vase.
Miss Mary B. Scott	Los Angeles	Best linen embroidery	Teaspoons.
Mrs. Georgie Lambourne	Los Angeles	Best chenille plaque	Silver cup.
Miss Rose Waite	Los Angeles	Table scarf, crazy work, and embroidery	Fancy vase.
Mrs. Frank E. Adams	Los Angeles	Best specimen hair flowers	Diploma.
Miss Mary B. Scott	Los Angeles	Best ottoman cover	Napkin ring.
Miss Irene Lamb	Los Angeles	Best and largest display fancy articles	$5 00
Mrs. Jordan Cox	Los Angeles	Best toilet set, hand-painted	Vase.
Miss J. E. Wise	Los Angeles	Best pair point lace cuffs	Teaspoons.
Mrs. T. Jenkins	Los Angeles	Knitted skirt	Fancy vase.
Mrs. S. A. Robbins	Los Angeles	Best sofa pillow	Fancy vase.
Mrs. Spencer Evans	Los Angeles	Best crazy quilt	Silver cup.
Edward A. Weed	Los Angeles	Fine specimen of needlework	Diploma.
Mrs. S. M. Thayer	Los Angeles	Best cotton quilt	Silver cup.
Mrs. S. J. Mills	Pasadena	Sofa cushion	Napkin ring.
Mrs. S. J. Mills	Pasadena	Child's buggy robe	Silver cup.
Mrs. S. J. Mills	Pasadena	Second best point lace collar	Teaspoons.
Mrs. Maye Wicks	Los Angeles	Toilet set with scarf	$5 00
Mrs. Maye Wicks	Los Angeles	Best Turkish embroidery	Teaspoons.
Mrs. C. E. Steinhilber	Los Angeles	Finest tapestry work	Diploma.
JUVENILE DEPARTMENT.			
Miss Stella Haines, 14 years of age	Los Angeles	Best silk quilt	Napkin ring.
Miss Kate Williams, under 13 years of age	Los Angeles	Best silk embroidery	Napkin ring.

THIRD DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Miss Florence M. Longley, 10 years of age	Los Angeles	Crochet fascinator	Napkin ring.
CLASS III—LIBERAL ARTS.			
Miss Clara French, 10 years of age	Los Angeles	Oil painting	Diploma recm'd.
Miss Amy Sullivan	Los Angeles	Display of twofold screen, tiled fire-place, and satin panel	Diploma.
Mrs. J. W. Delano	Los Angeles	Knights Templar banner	Diploma.
W. M. Short	Los Angeles	Best display of crayon work and finest crayon portraits	Diploma.
Schroeder Bros.	Los Angeles	Oil painting and pictorial signs	Diploma.
T. G. Norton	Pasadena	Best display of landscape photographs	Diploma.
T. E. Stanton	Los Angeles	Best display photographs	Diploma.
Mrs. J. A. Campbell	Los Angeles	Best crayon picture	Diploma.
Miss Mary B. Scott	Los Angeles	Best Barbotine modeling and painting	Diploma.
Miss Amy Brown	San Diego	Best oil painting	Diploma.
Mrs. Jordan Cox	Los Angeles	Best painted silk banners	Teaspoons.
F. G. Schumaeher	Los Angeles	Best photographs	Diploma.
Burgess J. Reeve	Los Angeles	Best design for Los Angeles Court House	Diploma.
Burgess J. Reeve	Los Angeles	Best design for City Hall	Diploma.
F. H. Hahn	Los Angeles	Moss picture	Hon. mention.

FOURTH DEPARTMENT.

MECHANICAL PRODUCTS.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
G. W. Lancaster	Los Angeles	Best display saddles	Diploma.
E. A. Edwards	Los Angeles	Best oil burner for stoves and grates	Diploma.
W. C. Furrey	Los Angeles	Best oil range and gasoline range	Diploma.
J. A. Barrows	Los Angeles	Best marbleized iron mantels	Diploma.
Northcraft & Clark	Los Angeles	Best oil stove for heating and cooking	Diploma.
Northcraft & Clark	Los Angeles	Best oil lamp	Diploma.
F. A. Geier	Los Angeles	Best bedroom suit furniture	Diploma.
Northcraft & Clark	Los Angeles	Best kitchen table	Diploma.
John Ipsen	Los Angeles	Best kitchen bureau	Hon. mention.
Kerckhoff & Cuzner M. & L. Co.	Los Angeles	Best display cedar ware, pine ware, window blinds, pine doors, turning lathe work, and scroll work, wood carpeting, and California woods	Diploma.
Los Angeles Broom and Brush Factory	Los Angeles	Best display brooms and brushes	Diploma.
C. N. Wilson	Los Angeles	Best display broom corn	Diploma.
E. C. Niedt & Co.	Los Angeles	Best display soap and sal soda	Diploma.
W. R. Wiggins	S. Bernardino	Best barrel lime	Diploma.
San Gabriel Fruit Growers' Association	San Gabriel	Best collection insects injurious to farmers	Diploma and $10
J. G. Overshiner	Calico	Best display mineral specimens	Diploma.
A. S. Robbins	Los Angeles	Best display silver ore	Diploma.
Fred. Ranch	Los Angeles	Two whalebone chairs	Diploma.

FIFTH DEPARTMENT.

AGRICULTURAL PRODUCTS.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
F. G. Mason & Co.	Los Angeles	Best general exhibit seeds	Diploma.
M. L. Wicks	Los Angeles	Best ex. Antelope Valley wheat	Diploma recm'd.
J. K. Brenizer	Downey	Best thirty pounds yellow corn	$10 00
J. K. Brenizer	Downey	Best thirty pounds white corn	
M. L. Wicks	Lancaster	Best sample barley	$10 00
Capital Milling Company	Los Angeles	Best flour and meal	$5 00
W. A. Field	Los Angeles	Best ten ears corn	$5 00
F. G. Mason & Co.	Vernon	Blue grass seed and alfalfa seed	Diploma.
Isaac Gibbs	Los Angeles	Best peck tomatoes, and best three watermelons	$4 00
C. N. Wilson	Los Angeles	Best Hubbard squashes	$6 00
C. N. Wilson	Los Angeles	Best half peck garden peas	
C. N. Wilson	Los Angeles	Best parsnips	
Stephen Strong, Jr.	Downey	Best half bushel red potatoes	$18 00
Stephen Strong, Jr.	Downey	Best half bushel white potatoes	
Stephen Strong, Jr.	Downey	Best half bushel other variety potatoes	
Stephen Strong, Jr.	Downey	Best and greatest variety potatoes	
W. B. Ambrose	Downey	Best half bushel sweet potatoes	$5 00
J. K. Brenizer	Downey	Best display pumpkins	$5 00
J. M. Pitts	Downey	Best display long blood beets	$6 00
J. M. Pitts	Downey	Best display sugar beets	
J. M. Pitts	Downey	Best twelve carrots	
A. Boddy	Duarte	Best half peck peppers, pickling	$2 00
E. W. Jones	Los Angeles	Display rattlesnake watermelon	Hon. mention.
T. J. Kerns	Downey	Best display amber sugar cane and Hungarian millet	Diploma recm'd.
Mrs. M. Rosenbaum	Pasadena	Best display cut flowers	$15 00
H. Royce	Pasadena	Best six crookneck squashes	$2 00
A. F. Machado	Ballona	Best cheese, one year old and over	$10 00
F. J. Barretto	Downey	Best eight rolls butter	$10 00
F. A. Gates & Son	Anaheim	Best display cane sugar and syrups	Diploma.
DAIRY PRODUCTS, BREAD, ETC.			
Mrs. C. A. Baskerville	Los Angeles	Best domestic wheat bread	$5 00
Miss Sarah J. Parkhurst	Los Angeles	Best domestic brown bread	$5 00
Mrs. C. S. Brown	Los Angeles	Best domestic corn bread	$5 00
Mrs. Mary T. Macy	Los Angeles	Best domestic rye bread	$5 00
Mrs. Mary T. Macy	Los Angeles	Best display bread	$5 00
Mrs. M. F. Shepherd	Los Angeles	Best rice flour rolls	Diploma recm'd.
Mrs. Mary T. Macy	Los Angeles	Best plain cake	Silver cup.
Miss Nelly A. Macy	Los Angeles	Best domestic wheat bread by miss under 16 years of age	$5 00
Miss Stella Haines	Los Angeles	Second best domes. wheat bread by miss under 16 years of age	Silver cup.
Miss Stella Haines	Los Angeles	Best plain cake by miss under 16 years of age	$5 00

SIXTH DEPARTMENT.

FRUITS, ETC.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Isaac Gibbs	Vernon	Best three varieties table grapes	$10 00
James Stewart	Downey	Best display of table grapes	$15 00
T. J. Kerns	Downey	Best three varieties of pears	$10 00
J. W. Wolfskill	Los Angeles	Best three varieties of lemons	$15 00
N. M. Townsend	Downey	Best nine varieties of apples	$15 00
James Stewart	Downey	Best six varieties of pears and best display of figs	$25 00
A. Boddy	Duarte	Best three varieties and best one variety oranges and best one and best two varieties lemons	$30 00
M. Rosenbaum	Pasadena	Best display of semi-tropical fruits and best display of plums and for greatest number and best specimens of oranges	$45 00
B. F. Ball	Pasadena	Best two varieties of pears	$5 00
A. H. McQuilling	Pasadena	Best three varieties of apples	$5 00
H. Bryant	Pasadena	Best six varieties of apples	$10 00
J. H. Baker	Pasadena	Automatic fountain	Diploma.
A. Phillips & Son	San Gabriel	Best display of fruits	Sp. pr. of $10 00
H. Bryant	Pasadena	Best six varieties of apples	Spec. pr. of $5 00
A. Phillips & Son	San Gabriel	Best and largest display of deciduous fruits	Sp. pr. of $15 00
E. B. Stone	Compton	Eureka apple, for fine flavor and excellent keeping qualities	Diploma.
J. Harbert	San Gabriel	Best twenty-five lbs. dried figs	$5 00
A. C. Weeks	San Gabriel	Best twenty-five lbs. of dried peaches, best twenty-five lbs. dried apples, and best twenty-five lbs. dried pears	$15 00
Miss Hattie White	Los Angeles	Best two jars raspberry jelly, in glass, and best two jars strawberry jelly, in glass	Napkin ring and $5 00.
Miss Hattie White	Los Angeles	Best blackberrry jelly, two jars, in glass	Silver cup.
Miss Hattie White	Los Angeles	Best two jars blackberry jam, in glass, and best two jars raspberry jam, in glass	Napkin ring and butter knife.
Miss Hattie White	Los Angeles	Best display of fruits, in glass	$10 00
Mrs. R. R. Haines	Los Angeles	Best two jars red currant jelly, in glass, and best two jars quince jelly, in glass	Napkin ring and $5 00.
Miss Hattie White	Los Angeles	Best display of pickles and best display of preserves	$10 00
Mrs. M. Rosenbaum	Pasadena	Best display brandied peaches	$5 00
A. Boddy	Duarte	Best peck of English walnuts	$5 00
A. Boddy	Duarte	Best display of raisins	$20 00
San Gabriel Fruit Growers' Association	San Gabriel	Best wash or other means of destroying scale insects on fruits	Dip. and $10 00
Stern & Rose	San Gabriel	Best general display of California wines and brandies	Dip. and $20 00

NINTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
J. W. Potts	Los Angeles	Best display of banana trees with fruit	$10 00
John Gulck	Los Angeles	Best display of flowering plants	$15 00
O. W. Childs' nursery	Los Angeles	Best display of ornamental trees and shrubbery	$10 00
O. W. Childs' nursery	Los Angeles	Best assortment of deciduous trees from nursery rows	$10 00
O. W. Childs' nursery	Los Angeles	Best display of semi-tropical trees from nursery rows	$10 00
John S. Calkins	Los Angeles	Best display of shade trees and hedge plants	Diploma.

TENTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
C. N. Wilson	Los Angeles	Best ten pounds extract'd honey	$5 00
J. E. Pleasants	Santa Ana	Second best ten p'nds ex. honey	$5 00
J. E. Pleasants	Santa Ana	Best ten pounds comb honey	$5 00
J. E. Pleasants	Santa Ana	Best ten pounds beeswax	$5 00
J. E. Pleasants	Santa Ana	Best and largest display honey	Diploma and $5

SPECIAL PREMIUMS.

For best honey vinegar, the committee award the special premium offered by Harper-Reynolds Hardware Company, to W. W. Bliss, Duarte—honey knife.

For best comb foundation, W. W. Bliss, Duarte—diploma.

For best comb-foundation machine, W. W. Bliss, Duarte—diploma.

For best queen bee, N. Levering, Los Angeles—five dollars.

For best colony of bees, N. Levering, Los Angeles—five dollars.

For best honey cake, Mrs. M. F. Levering, Los Angeles—diploma and five dollars; and the special premium offered by H. Jeone, grocer—five dollars.

For best honey extractor, for best tank, and best display of apicultural implements, N. Levering, Los Angeles—diploma.

For best display of honey in marketable shape, the committee award the special premium offered by Messrs. Burch & Boal, grocers, to N. Levering, Los Angeles—five dollars.

For second best queen bee, and for second best colony of bees, J. E. Pleasants, Santa Ana—six dollars.

For second best ten pounds comb honey (three dollars), for second best honey cake (two dollars), and second best ten pounds beeswax (diploma), to W. W. Bliss, Duarte.

The committee recommend a special diploma to W. W. Bliss for display of honey samples from different lands; also for best package for comb honey.

The committee also recommend a special diploma to Messrs. Kerckhoff, Cuzner & Co., for one piece section box material for comb honey.

MISCELLANEOUS DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
W. R. Phelps	Los Angeles	Hammock supporter	Diploma.
Jesse Pitney	Los Angeles	Case butterflies	Diploma.
J. Begg	Los Angeles	Hedge pruning machine	Diploma.
A. M. Shields	Los Angeles	Case birds' eggs	Dipl'a and cup.
Haskell & Richardson	Los Angeles	American fruit evaporator	Diploma.
Mrs. M. A. Gilmore	Los Angeles	Simplified tailors' system of cutting garments	Diploma.
Haskell & Richardson	Los Angeles	Gale plow	Diploma.
J. D. Batz	Los Angeles	Case fossils and carved canes	Diploma.
E. Beswick	El Monte	Potato digger and sowing machine	Diploma.
Geo. Schrader	Los Angeles	Collection grasses and flowers	Diploma.
E. K. Green	Los Angeles	Model Halladay windmill	Diploma.
Wm. G. Stiles	Los Angeles	Stiles' patent grain mill	Diploma.
E. A. Mayer	Los Angeles	Fine specimen wood carving	Diploma.
Mrs. Frank E. Adams	Los Angeles	Specimen Indian relics	Diploma.
Domestic Sew'g Machine Co.	Los Angeles	Domestic sewing machine and wringer and washer comb'd	Diploma.
John M. Stewart	Los Angeles	Best pampas plumes	Diploma.
Woodbury Business College	Los Angeles	Best specimen penmanship and card writing	Diploma.
F. P. Howard	Los Angeles	Display cactus fiber for paper making	Diploma.
G. H. Merritt	Los Angeles	Display tarantula nests	Diploma.
W. C. Allinson	Los Angeles	Fine pen drawing	Diploma.
John Watson	Los Angeles	Collection coins	Diploma.
E. H. Brees	Los Angeles	Royal St. John sew'g machine	Favorable men.
H. N. Fabing	Lompoc	Best washing machine	Diploma.
Wm. Hobbs	Los Angeles	Surry buggy	Diploma.
John Victory	Los Angeles	Best mangle (Victory)	Diploma.
Sharp, Bloeser & Co.	Los Angeles	Steam carpet beating machine	Diploma.
Victor Point	Los Angeles	Patent reversible plow	Hon. mention.

BABY DEPARTMENT.

PREMIUM SPECIMENS.

Name.	P. O. Address.	Award.
Georgie Hammel, fifteen months	Los Angeles	First, baby buggy.
Augusta May Upham, three months	Los Angeles	Second, baby blanket.
Jessie Ray Hanna, twenty months	Los Angeles	Third, silver set.
Sadie H. Doyle, fourteen months	Los Angeles	Fourth, silver cup.
Rosa and Beatrice Grossmayer, twins, fourteen mos.	Downey	First, $5 and gold and turquoise ring for each.
Binese and Blanche Cunningham, twins, five mos.	Los Angeles	Second, $10 00
Leonard Spratt, heaviest baby, three mos., 27 lbs.	Los Angeles	Silver goblet.
Adolph Bauer, youngest baby, six weeks		Pair of shoes.

SPEED PROGRAMME.

TUESDAY, OCTOBER 14, 1884.

RACE NO. 1—TROTTING.

Free to all in the district. Purse, three hundred and fifty dollars. Mile heats, best three in five. First horse to receive two hundred and twenty-five dollars; second horse, seventy-five dollars; third horse, fifty dollars. National Association rules to govern all trots.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Alph, by Echo; dam, unknown	N. T. Blair	Los Angeles.
Hardman, by Echo; dam, Phœbe	Elias Williams	Los Angeles.
Gen. Hewitt, by Richmond; dam, Barbara	C. A. Durfee	Los Angeles.
Silver Heels, by Gibraltar; dam, Belmont	John J. Reynolds	Los Angeles.
Dick C, unknown	A. F. McPhail	Santa Barbara.

Position at Starting.	*Position at Close.*			
1. Hardman	Hardman	1	1	1
2. Silver Heels	Gen. Hewitt	2	3	2
3. Dick C	Alph	3	2	3
4. Gen. Hewitt	Silver Heels	dis.		
5. Alph	Dick C	dis.		

Time—2:38½; 2:42; 2:45¼.

RACE NO. 2—TROTTING.

Special—District horses. Purse, two hundred and eighty dollars, to be divided as follows: first horse, one hundred and sixty dollars; second horse, eighty dollars; third horse, forty dollars. Mile heats, best three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Tempest, by Sultan; dam, Belle Mason	Elias Williams	Los Angeles.
Dick J, unknown	C. A. Durfee	Los Angeles.
Kate Bender, by Echo Chief; dam, Blackbird	D. R. Payne	Los Angeles.

Position at Starting.	*Position at Close.*			
1. Dick J	Dick J	1	1	1
2. Kate Bender	Kate Bender	2	2	3
3. Tempest	Tempest	3	3	2

Time—2:41; 2:38¼; 2:37½.

WEDNESDAY, OCTOBER 15, 1884.

Race No. 3—Special Trotting for the Horses Named.

Purse, three hundred and twenty dollars. Mile heats, best three in five. Purse to be divided as follows: first horse, two hundred dollars; second horse, eighty dollars; third horse, forty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Lady Washington, by Whipple; dam, by Chieftain	C. A. Durfee	Los Angeles.
Charlie D, by Coyote Patchin; dam, Nellie Brea	N. A. Covarrubias	Los Angeles.
Zero, by imp. Hercules; dam, unknown	J. C. Stone	Los Angeles.

Position at Starting.	*Position at Close.*			
1. Charlie D	Charlie D	1	1	1
2. Lady Washington	Zero	2	2	2
3. Zero	Lady Washington	3	3	3

Time—2:35; 2:36; 2:35¼.

Race No. 4—Trotting—Special for the Horses Named.

Purse, one hundred and forty dollars. Eighty-four dollars to go to first horse; fifty-six to second. Mile heats, best two in three.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Belle Forest, by Chief of the Echoes; dam, by Ben Wade	William Smith	Savannah.
Contractor, by Sultan; dam, by Overland	Elias Williams	Los Angeles.

Position at Starting.	*Position at Close.*			
1. Belle Forest	Contractor	1	2	1
2. Contractor	Belle Forest	2	1	2

Time—2:54; 3:00; 2:49.

Race No. 5—Running.

Half mile and repeat. Purse, two hundred dollars, to be divided as follows: one hundred and twenty dollars to first horse; sixty to second, and twenty to third. Blood Horse Rules to govern all running races.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Minnie R, by Sacramento; dam, Fanny D	R. J. Anderson	San Bernardino.
Edward B, by Ben Wade; dam, unknown	Hill & Gries	S. Buenaventura.
Johnny Gray, by Shiloh; dam, Maggie, by Norfolk	B. P. Hill	El Cajon.

Position at Starting.	*Position at Close.*		
1. Minnie R	Johnny Gray	1	1
2. Edward B	Minnie R	2	2
3. Johnny Gray	Edward B	3	3

Time—0:50¾; 0:49¼.

RACE NO. 6—RUNNING—SPECIAL FOR HORSES NAMED.

Purse, one hundred dollars. Half mile dash. Purse divided as follows: seventy-five dollars to first horse; twenty-five dollars to second horse.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Jou Jou, by Monday; dam, Plaything	Lee Shaner	San Francisco.
Dotty Dimple	Hill & Gries	Ventura.

Position at Starting.	*Position at Close.*
1. Jou Jou	Dotty Dimple 1
2. Dotty Dimple	Jou Jou 2

Time—0:48¾.

RACE NO. 7—RUNNING—SPECIAL FOR HORSES NAMED.

Purse, two hundred dollars, to be divided as follows: one hundred and fifty dollars to first horse; fifty dollars to the second. One mile dash.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
St. David, by Hockhocking; dam, Eva Coombs	A. F. Machado	La Ballona.
Dublin Bay, by Grinstead; dam, Amanda Fortune	Kenniston & Co.	San Bernardino.
Bachelor, by Hockhocking; dam, Maid of the Mist	Hill & Gries	Ventura.

Position at Starting.	*Position at Close.*
1. Bachelor	Bachelor 1
2. St. David	Dublin Bay 2
3. Dublin Bay	St. David 3

Time—1:45.

THURSDAY, OCTOBER 16, 1884.

RACE NO. 8—TROTTING—SPECIAL FOR HORSES NAMED.

Purse, three hundred and fifty dollars. First horse to receive two hundred and two dollars and fifty cents; second horse, sixty-seven dollars and fifty cents; third horse, forty-five dollars. Mile heats, best three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Silver Heels, by Gibraltar; dam, by Belmont	John J. Reynolds	Los Angeles.
Tempest, by Sultan; dam, Belle Mason	Elias Williams	Los Angeles.
Dick J, unknown	C. A. Durfee	Los Angeles.
Dimock, by Black Hawk; dam, Lola Montez	N. A. Covarrubias	Los Angeles.

Position at Starting.	*Position at Close.*				
1. Tempest	Dimock	1	1	2	1
2. Silver Heels	Dick J	3	2	1	2
3. Dimock	Tempest	2	3	3	3
4. Dick J	Silver Heels	4	4	dis.	

Time—2:40; 2:42; 2:38; 2:37.

RACE NO. 9—TROTTING—SPECIAL FOR HORSES NAMED.

Purse, two hundred and forty-five dollars. First horse, one hundred and fifty-seven dollars; second horse, eighty-eight dollars. Mile heats, best three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Don Tomas, by Del Sur; dam, Membrino Patchen	C. A. Durfee	Los Angeles.
Queen of America, by Chief of the Echoes; dam, unknown	William Smith	Savannah.

Position at Starting.	*Position at Close.*			
1. Don Tomas	Don Tomas	1	1	1
2. Queen of America	Queen of America	2	2	2

Time—2:37; 2:38; 2:38.

RACE NO. 10—RUNNING.

One and one quarter mile dash. Free for all. Purse, three hundred dollars, to be divided as follows: first horse, one hundred and fifty dollars; second horse, one hundred dollars; third horse, fifty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Idler, by Wildidle; dam, Kate Gift	Kenniston & Co.	San Bernardino.
Arthur II		
Dublin Bay, by Grinstead; dam, Amanda Foster	Kenniston & Co.	San Bernardino.

Position at Starting.	*Position at Close.*	
1. Idler	Idler	1
2. Arthur H	Arthur H	2
3. Dublin Bay	Dublin Bay	3

Time—2:14¼.

RACE NO. 11—TROTTING.

Special. Free for all. Mile heats, best three in five. Purse, four hundred dollars, divided as follows: first horse, two hundred and twenty-five dollars; second horse, one hundred and twenty-five dollars; third horse, fifty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Charley D, by Coyote Patchen; dam, Nellie Brea	N. A. Covarrubias	Los Angeles.
Ed, by Ervin Davis; dam, by Magna Charta	A. F. Jackson	Oakland.
Ned, unknown	E. Edge	San Francisco.
Fred Arnold, unknown	E. L. Hines	San Francisco.
Tump Winston	E. Downer	San Francisco.

Position at Starting.	*Position at Close.*						
1. Ned	Tump Winston	1	1	5	4	3	1
2. Fred Arnold	Ned	4	4	1	2	1	3
3. Charley D	Ed	5	3	3	1	4	2
4. Ed							
5. Tump Winston							

Time—2:31; 2:31; 2:34; 2:30; 2:31.

FRIDAY, OCTOBER 17, 1884.

Race No. 12—Running.

Three fourths mile dash. Purse, two hundred dollars, divided as follows: first horse, one hundred and fifty dollars; second horse, fifty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Triumph, by Reveille, by Shiloh; dam, unknown	B. P. Hill	El Cajon.
Eliza, by Norfolk; dam, by Monday	A. F. Machado	La Ballona.
Fannie G, by Jack Goodwin; dam, unknown	Hill & Gries	Ventura.

Position at Starting.	*Position at Close.*
1. Eliza	Fannie G 1
2. Fannie G	Triumph 2
3. Triumph	Eliza 3

Time—1:20.

Race No. 13—Running.

One mile and repeat. Purse, three hundred dollars, to be divided as follows: first horse, one hundred and seventy-five dollars; second horse, seventy-five dollars; third horse, fifty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Bachelor, by Hockhocking; dam, Maid of the Mist	Hill & Gries	Ventura.
Jou Jou, by Monday; dam, Plaything	Lee Shaner	San Francisco.
Idler, by Wildidle; dam, Kate Gift	Kenniston & Co.	San Bernardino.

Position at Starting.	*Position at Close.*			
1. Idler	Jou Jou	1	2	1
2. Bachelor	Bachelor	2	1	2
3. Jou Jou				

Time—1:46; 1:47; 1:48.

Race No. 14—Pacing.

Mile heats, best three in five. Purse, two hundred and fifty dollars. First horse, one hundred and thirty-five dollars; second horse, seventy-five dollars; third horse, forty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Crazy Bill, unknown	N. T. Blair	Los Angeles.
Lightfoot, unknown	L. H. Maberry	Los Angeles.
Tornado, unknown	W. Whitney	Los Angeles.

Position at Starting.	*Position at Close.*			
1. Tornado	Lightfoot	1	1	1
2. Lightfoot	Tornado	3	2	2
3. Crazy Bill	Crazy Bill	2	3	3

Time—2:50; 2:51; 2:50.

RACE NO. 15—TROTTING—SPECIAL FOR HORSES NAMED.

Mile heats, three in five. Purse, three hundred dollars. One hundred and eighty dollars to first horse; one hundred and twenty dollars to second. LaGrange to Chicago cart.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
LaGrange, by Sultan; dam, Georgiana, by Overland	L. J. Rose	San Gabriel.
Bullet, by Echo; dam, Morgan mare	N. A. Covarrubias	Los Angeles.

Position at Starting.	*Position at Close.*			
1. LaGrange	LaGrange	1	1	1
2. Bullet	Bullet	2	2	2

Time—2:35; 2:30; 2:31.

SATURDAY, OCTOBER 18, 1884.

RACE NO. 16—RUNNING.

One and one half mile dash. Purse, two hundred dollars. First horse, one hundred and thirty-three dollars and thirty-three cents; second, sixty-six dollars and sixty-seven cents.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Bachelor, by Hockhocking; dam, Maid of the Mist	Hill & Gries	Ventura.
Minnie R, by Sacramento; dam, Fannie D, by Woodburn	Kenniston & Co.	San Bernardino.

Position at Starting.	*Position at Close.*	
1. Minnie R	Bachelor	1
2. Bachelor	Minnie R	2

Time—2:46½.

RACE NO. 17—RUNNING.

Three quarter mile dash. Purse, two hundred dollars, to be divided as follows: first horse, one hundred and fifty dollars; second horse, fifty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Fannie G, by Jack Goodwin; dam, unknown	Hill & Gries	Ventura.
John G, by Emerald; dam, unknown	G. G. Arnold	
Dublin Bay, by Grinstead; dam, Amanda Fortune	Kenniston & Co.	San Bernardino.
Johnny Gray, by Shiloh; dam, Maggie, by Norfolk	B. P. Hill	El Cajon.

Position at Starting.	*Position at Close.*	
1. Johnny Gray	Dublin Bay	1
2. John G	Johnny Gray	2
3. Dublin Bay	Fannie G	3
4. Fannie G	John G	4

Time—1:19¼.

RACE No. 18—TROTTING.

Special. 2:35 Class. Purse, three hundred and sixty dollars. To first horse, two hundred and thirty-five dollars; to second horse, eighty dollars; to third horse, forty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Lady Washington, by Whipple; dam, by Chieftain	C. A. Durfee	Los Angeles.
Dick J, by McClellan; dam, unknown	J. N. Johnson	Los Angeles.
Hardman, by Echo; dam, Phœbe, by Fireman	L. H. Maberry	Los Angeles.

Position at Starting.	*Position at Close.*					
1. Lady Washington	Dick J	2	2	1	1	1
2. Dick J	Hardman	1	1	2	2	2
3. Hardman	Lady Washington	3	3	3	3	3

Time—2:35; 2:31; 2:30; 2:34; 2:38.

TRANSACTIONS

OF THE

SEVENTH DISTRICT AGRICULTURAL ASSOCIATION

For the Year 1884,

Composed of the Counties of Monterey, Santa Cruz, San Benito, and San Luis Obispo.

OFFICERS OF THE ASSOCIATION.

J. D. CARR ..... President.
JOHN J. KELLY ..... Secretary.
WM. VANDERHURST ..... Treasurer.

DIRECTORS.

J. D. CARR ..... Salinas City.
J. R. HEBBRON ..... Salinas City.
JAMES B. IVERSON ..... Salinas City.
Dr. THOMAS FLINT ..... San Juan.
M. LYNN ..... Salinas City.
O. H. WILLOUGHBY ..... Watsonville.
PARIS KILBURN ..... Salinas City.
L. M. WARDEN ..... San Luis Obispo.

REPORT.

SALINAS CITY, November 28, 1884.

To the honorable the State Board of Agriculture:

GENTLEMEN: The Directors of the Seventh District Agricultural Association submit this, their report of the transactions of said association, for the year ending this date.

JOHN J. KELLY, Secretary.

RECEIPTS AND EXPENDITURES.

1884.	*Receipts.*		
Jan. 1	Balance on hand	$48 38	
	Annual membership tickets	290 00	
	Season tickets	69 00	
	Single tickets	988 50	
	Hack badges	48 00	
	Entrance money	475 00	
	Privileges	696 50	
	State warrant	1,200 00	
	Rent of Pavilion	136 00	
	Pavilion fund	500 00	
			$4,451 38

1884.	*Expenditures.*		
Jan. 1	Material	$407 28	
	Labor	666 40	
	Insurance	75 00	
	Interest	21 86	
	Pavilion fund indebtedness	253 48	
	National Trotting Association	56 00	
	Premiums and purses	2,578 25	
	Music	160 00	
	Interest on bonds	190 00	
	Balance	43 11	
			$4,451 38

PREMIUMS AWARDED—1884.

FIRST DEPARTMENT.

Live Stock.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
ROADSTERS.				
Best stallion, four years old and over	Sargent Bros.	Sargent's Station	Jim Mulveny	$10 00
Best stallion, three years old	James Delany	Salinas City	Membrino, Jr.	$7 50
Best stallion, two years old	James Delany	Salinas City	Jackson, Jr.	$5 00
Best mare, four years old and over	J. G. Sanchez	San Juan	Kitty S	$10 00
Best mare, four years old (special)	James Delany	Salinas City	Baby	$7 50
Best mare, two years old	P. Kilburn	Salinas City	Lizzie	$5 00
HORSES FOR ALL PURPOSES.				
Best stallion, four years old	H. Corey	Salinas City	Clarence K	$20 00
Best stallion, three years old	McEntee Bros.	Gonzales	Henry Clay	$15 00
Best stallion, two years old	C. W. Rowe	Watsonville	Sam	$10 00
Best stallion, one year old	W. S. Hunt	Salinas City	Torment	$7 50
Best sucking colt	P. Kilburn	Salinas City	Captain Kidd	$5 00
Best mare, three years old and over	J. B. Iverson	Salinas City	Salinas Belle	$10 00
Best mare, two years old	Charles Moulton	Salinas City	Ida May	$7 50
Best mare, one year old	J. B. Iverson	Salinas City	Fanny	$5 00
Best gelding, four years old	P. Kilburn	Salinas City	John D	$15 00
Best gelding, three years old	Thomas Kennedy	Watsonville	Starlight	$10 00
Best mare, four years old, with colt	Jud. Parson	Salinas City	Fannie	$10 00
DRAFT HORSES.				
Best stallion, three years old and over	William Robson	Salinas City	Prince Charles	$15 00
Best stallion, two years old	J. R. Hebbron	Salinas City	John B	$10 00
Best stallion, one year old	McEntee Bros.	Gonzales	Farmer's Glory	$5 00
Best mare, three years old and over	M. Barry	Castroville	Nellie Miller	$10 00
Best mare, two years old	J. B. Iverson	Salinas City	Juno	$5 00

Best sucking colt	McEntee Bros.	Gonzales	Chief Justice	$5 00
CARRIAGE HORSES.				
Best span carriage horses	James Delany	Salinas City	Mack and Joe	$10 00
Best span buggy horses	William Vanderhurst	Salinas City	Mamie and Charley	$7 50
Best single buggy horse	James Delany	Salinas City	Jackson	$5 00
SWEEPSTAKES.				
Best stallion, with four or more colts	James Delany	Salinas City	Mambrino	$20 00
Best mare, with four or more colts	J. B. Iverson	Salinas City	Lizzie	$20 00
Best stallion, of any breed or age	McEntee Bros.	Gonzales	Henry Clay	$15 00
Second best stallion, of any breed or age	H. Corey	Salinas City	Clarence K	$10 00
Best mare, of any breed or age	J. B. Iverson	Salinas City	Lady Jones	$15 00
Second best mare, of any breed or age	W. B. Ford	Salinas City	Minnie	$10 00
Best gelding, of any breed or age	Thomas Kennedy	Watsonville	Starlight	$10 00
Best colt, of any breed or age	P. Kilburn	Salinas City	Captain Kidd	$5 00
Best jack	C. Bardin	Salinas City	Legal Rights	$5 00
DURHAM CATTLE.				
Best Durham bull, four years old	J. R. Hebbron	Salinas City	Oxford Duke	$10 00
Second best Durham bull, four years old	J. R. Hebbron	Salinas City	Independence	$5 00
Best Durham bull, three years old	J. R. Hebbron	Salinas City	Natividad Chief	$10 00
Second best Durham bull, three years old	J. R. Hebbron	Salinas City	Filbert	$5 00
Best Durham bull, two years old	J. R. Hebbron	Salinas City	Prince	$7 50
Second best Durham bull, two years old	J. R. Hebbron	Salinas City	Young Duke	$5 00
Best Durham bull, one year old	J. R. Hebbron	Salinas City	James B	$7 50
Second best Durham bull, one year old	J. R. Hebbron	Salinas City	Independence 2d	$5 00
Best Durham bull calf	J. R. Hebbron	Salinas City	General L	$5 00
Best Durham cow, four years old	J. R. Hebbron	Salinas City	Gabilan Belle	$10 00
Best Durham cow, three years old	J. R. Hebbron	Salinas City	Gabilan Beauty	$7 50
Second best Durham cow, three years old	J. R. Hebbron	Salinas City	Queen	$5 00
Best Durham cow, two years old	J. R. Hebbron	Salinas City	Hope 2d	$7 50
Second best Durham cow, two years old	J. R. Hebbron	Salinas City	Monterey Maid	$5 00
Best Durham cow, one year old	J. R. Hebbron	Salinas City	Salinas Maid	$5 00
Second best Durham cow, one year old	J. R. Hebbron	Salinas City	Portulacca 8th	$3 00
Best Durham heifer calf	J. R. Hebbron	Salinas City	Natividad Belle	$5 00
Second best Durham heifer calf	J. R. Hebbron	Salinas City	May Day	$3 00
DEVONS.				
Best bull, three years old	M. Lynn	Salinas City	Curly Dick	$5 00
Second best bull, three years old	M. Lynn	Salinas City	Nicodemus	$3 00
Best bull, two years old	M. Lynn	Salinas City	Barney	$5 00
Second best bull, two years old	M. Lynn	Salinas City	Janus	$3 00

FIRST DEPARTMENT—Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
Best bull, one year old	M. Lynn	Salinas City	Parnell	$5 00
Second best bull, one year old	M. Lynn	Salinas City	John L	$3 00
Best bull calf	M. Lynn	Salinas City	Hector	$5 00
Second best bull calf	M. Lynn	Salinas City	Dandy	$3 00
Best cow, three years old	M. Lynn	Salinas City	Gertie	$5 00
Second best cow, three years old	M. Lynn	Salinas City	Susie	$3 00
Best cow, two years old	M. Lynn	Salinas City	Dolly L	$5 00
Second best cow, two years old	M. Lynn	Salinas City	Belle	$3 00
JERSEYS.				
Best bull	J. R. Hebbron	Salinas City	Volunteer 3d	$5 00
Best cow	J. R. Hebbron	Salinas City	Natividad Belle	$5 00
GRADED CATTLE.				
Best bull	B. Hitchcock	Salinas City	Tommy Tinker	$10 00
Best cow, three years old	B. Hitchcock	Salinas City	Maud	$10 00
Best cow, two years old	James Thompson	Salinas City	Mary	$5 00
Best cow, one year old	James Thompson	Salinas City	Jennie	$3 00
Best bull calf	James Thompson	Salinas City	Pirate	$5 00
HERD OF CATTLE.				
Best herd, one male and four females	J. R. Hebbron	Salinas City	Herd of Durhams	$15 00
Second best herd, one male and four females	M. Lynn	Salinas City	Herd of Devons	$10 00
GOATS.				
Best thoroughbred buck	C. W. Cox	Watsonville	Royal Billy	$5 00
Best thoroughbred ewe	C. W. Cox	Watsonville	Queen Anne	$5 00
SHEEP—MERINO.				
Best ram	J. W. Patton	Natividad	Coummy	$15 00
Second best ram	J. R. Hebbron	Salinas City	Vergeler	$10 00
Best ewe	J. W. Patton	Natividad	Daisy	$10 00
Second best ewe	J. R. Hebbron	Salinas City	Snowflake	$5 00
Best three ram lambs	J. R. Hebbron	Salinas City	Three ram lambs	$5 00
Best five ewe lambs	J. R. Hebbron	Salinas City	Five ewe lambs	$10 00

Best family, one ram, two ewes, and five lambs	J. R. Hebbron	Salinas City		$10 00
SOUTHDOWN.				
Best ram	J. R. Hebbron	Salinas City	Cienega	$5 00
Best ewe	J. W. Patton	Natividad	Sally	$5 00
Best three ram lambs	J. R. Hebbron	Salinas City	Three ram lambs	$5 00
Best pen of five ewe lambs	J. R. Hebbron	Salinas City	Five ewe lambs	$5 00
SWEEPSTAKES—SHEEP.				
Best ram for all purposes	J. R. Hebbron	Salinas City	Vergeler	$10 00
Best ewe for all purposes	J. R. Hebbron	Salinas City	Daisy	$10 00
SWINE.				
Best boar of any breed or age	James Smith	Salinas City	Billy H	$10 00
Best sow of any breed or age	P. Fanno	Salinas City	Silly Jennie	$10 00
POULTRY.				
Best pair Black Spanish	J. W. Patton	Natividad		$2 00
Best pair Light Brahmas	J. W. Patton	Natividad		$2 00
Best pair White Leghorns	J. W. Patton	Natividad		$2 00
Best pair Brown Leghorns	J. W. Patton	Natividad		$2 00
Best pair Silver Spangles	J. W. Patton	Natividad		$2 00
Best pair Black Sumatra	J. W. Patton	Natividad		$2 00

SECOND DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
J. V. Lacey	Salinas City	Best harrow (Lacey's)	$10 00
W. J. Smith	Salinas City	Best gang plow (Farmer's Friend)	$10 00
F. Gates	Salinas City	Best exhibit gunsmith work	$5 00
Iverson Bros.	Salinas City	Best freight wagon	$5 00
Iverson Bros.	Salinas City	Best express wagon	$5 00
Iverson Bros.	Salinas City	Best family carriage	$7 50
Iverson Bros.	Salinas City	Best two-horse top buggy	$5 00
Iverson Bros.	Salinas City	Best one-horse top buggy	$5 00
Iverson Bros.	Salinas City	Best one-horse open buggy	$5 00
Iverson Bros.	Salinas City	Best exhibit machine work	$5 00
W. N. Bardue	Salinas City	Best exhibit mechanical dentistry	$5 00
M. Hager	Salinas City	Best harness and saddlery work	$7 50
M. Hager	Salinas City	Best set team harness	$5 00
M. Hager	Salinas City	Best buggy harness	$5 00
M. Hager	Salinas City	Best buggy harness, double	$5 00
M. Hager	Salinas City	Best lady's saddle	$3 00
M. Hager	Salinas City	Best gent's saddle	$5 00
J. A. Webster	Salinas City	Best exhibit stoves	$10 00
Mrs. S. M. Shearer	Salinas City	Best exhibit gloves, district make	$5 00
Mrs. A. A. Witherill	Salinas City	Best home-made woolen socks	$1 00
Mrs. C. W. Cox	Watsonville	Best home-made cotton socks	$1 00
Mrs. C. W. Cox	Watsonville	Best cotton stockings	$1 00
Mrs. C. W. Cox	Watsonville	Best woolen stockings	$1 00
Mrs. S. W. Conklin	Salinas City	Best home-made silk stockings	$2 00
C. Francee	Salinas City	Best wall paper	$3 00
Mrs. Geo. Hunter	Salinas City	Best rag rug	$2 00
C. W. Cox	Watsonville	Best sack wheat	$3 00
C. W. Cox	Watsonville	Best sack oats	$3 00
J. W. Patton	Natividad	Best sack barley	$3 00
W. T. Gilkey	Watsonville	Best sack buckwheat	$3 00
W. T. Gilkey	Watsonville	Best sack corn	$3 00
C. W. Cox	Watsonville	Best sack sweet corn	$3 00
W. T. Gilkey	Watsonville	Best hops	$3 00
Minnie Gilkey	Watsonville	Best California peppermint	$2 50
C. K. Ercanbrack	Watsonville	Best strained honey	$2 50
C. K. Ercanbrack	Watsonville	Best honey in comb	$2 50
Mrs. W. T. Gilkey	Watsonville	Best coll'n garden seed, 15 varieties	$5 00
H. Corey	Salinas City	Best sack potatoes	$5 00
C. W. Cox	Salinas City	Best sack dried beans	$2 00
Wm. Bardin	Blanco	Best melons	$1 00
Wm. Bardin	Blanco	Best cucumbers	$1 00
Wm. Bardin	Blanco	Best turnips	$1 00
W. T. Gilkey	Watsonville	Best tomatoes	$1 00
Geo. Hunter	Salinas City	Best sugar beets	$1 00
E. F. Harris	Salinas City	Best squashes	$1 00
W. T. Gilkey	Watsonville	Best general display of fruit	$10 00
W. T. Gilkey	Watsonville	Best twelve varieties apples	$5 00
R. N. Windsor	Gonzales	Best single variety apples	$2 50
R. N. Windsor	Gonzales	Best collection pears	$5 00
W. T. Gilkey	Watsonville	Best single variety pears	$2 50
W. T. Gilkey	Watsonville	Best peaches	$4 00
R. N. Windsor	Gonzales	Best plums	$3 50
W. T. Gilkey	Watsonville	Best quinces	$2 50
C. W. Cox	Watsonville	Best foreign grapes	$4 00
Mrs. J. R. Gilkey	Watsonville	Best wine grapes	$4 00
W. T. Gilkey	Watsonville	Best collection nuts	$5 00
Mrs. C. W. Cox	Watsonville	Best fruit sealed in glass	$5 00
Mrs. J. R. Gilkey	Watsonville	Second best fruit sealed in glass	$3 00
Mrs. C. W. Cox	Watsonville	Best pickles	$2 00
Mrs. C. W. Cox	Watsonville	Best sweet pickles	$2 00
Mrs. C. W. Cox	Watsonville	Best preserves	$2 00
Mrs. W. T. Gilkey	Watsonville	Second best preserves	$1 00
Mrs. S. M. Shearer	Salinas City	Best jellies	$2 50
Mrs. C. W. Cox	Watsonville	Second best jellies	$1 00

SECOND DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Mrs. C. W. Cox	Watsonville	Best dried fruit	$3 00
Mrs. W. T. Gilkey	Watsonville	Best dried prunes	$2 50
Mrs. W. T. Gilkey	Watsonville	Best dried apples	$2 00
Mrs. W. T. Gilkey	Watsonville	Best dried pears	$1 00
Mrs. W. T. Gilkey	Watsonville	Best dried apricots	$2 00
Mrs. W. T. Gilkey	Watsonville	Best dried peaches	$2 00
G. M. Jarvis	San José	Best exhibit wines	Gold medal.
G. M. Jarvis	San José	Best dry white wine	$2 00
C. W. Cox	Watsonville	Best sweet white wine	$2 00
G. M. Jarvis	San José	Best sherry wine	$2 00
W. T. Gilkey	Watsonville	Best Catawba wine	$2 00
G. M. Jarvis	San José	Best port wine	$2 00
G. M. Jarvis	San José	Best angelica wine	$2 00
G. M. Jarvis	San José	Best grape brandy	$2 00
G. M. Jarvis	San José	Best peach brandy	$2 00
G. M. Jarvis	San José	Best apple brandy	$2 00
Mrs. J. R. Gilkey	Watsonville	Best vinegar	$2 00
H. Corey	Salinas City	Best lot of butter	$5 00
Miss May Dixon	Salinas City	Best loaf of bread	$5 00
Miss Belle Williams	Salinas City	Second best loaf of bread	$3 00
Mrs. M. E. Hessel	Salinas City	Best display bonnets and hats	$7 50
Mrs. M. E. Hessel	Salinas City	Best display dressmaking	$5 00
Vanderhurst, Sanborn & Co.	Salinas City	Best exhibit parlor furniture	$10 00
Vanderhurst, Sanborn & Co.	Salinas City	Best exhibit chamber furniture	$5 00
Vanderhurst, Sanborn & Co.	Salinas City	Best spring mattress	$5 00
Mrs. S. M. Shearer	Salinas City	Best silk embroidery	$3 00
Mrs. Geo. Downie	Salinas City	Best cambric embroidery	$2 50
Mrs. C. S. Chamberlin	Salinas City	Best picture frame	$1 50
Miss Libbie Hunter	Salinas City	Best netting	$1 50
Mrs. S. L. Dean	Salinas City	Best bead work	$1 50
Mrs. J. M. Dutton	Santa Cruz	Best knitting	$1 50
Mrs. M. J. Lewis	Salinas City	Second best knitting	$1 00
Mrs. J. M. Dutton	Santa Cruz	Best cotton crochet work	$2 50
Mrs. J. M. Dutton	Santa Cruz	Second best cotton crochet work	$1 50
Mrs. E. Forsythe	Salinas City	Best canvas work	$2 50
Mrs. J. F. Birlem	Salinas City	Second best canvas work	$1 50
Mrs. J. P. Swending	Salinas City	Best tidy	$1 50
Mrs. J. B. Bennett	Salinas City	Second best tidy	$1 00
Mrs. S. M. Shearer	Salinas City	Best sofa cushion	$2 00
Mrs. M. E. Hessel	Salinas City	Second best sofa cushion	$1 50
Mrs. C. G. Chamberlin	Salinas City	Best chenille work	$1 50
Mrs. M. E. Hessel	Salinas City	Best moss work	$2 00
Mrs. J. F. Birlem	Salinas City	Best feather work	$1 50
Mrs. C. Johnson	Salinas City	Second best feather work	$1 00
Mrs. J. B. Bennett	Salinas City	Best Kensington work	$1 50
Mrs. E. Forsythe	Salinas City	Second best Kensington work	$1 00
Mrs. E. P. Iverson	Salinas City	Best worsted work	$2 00
Mrs. S. F. Geil	Salinas City	Best wax work	$2 00
Mrs. M. E. Hessel	Salinas City	Best hair work	$2 00
Mrs. E. P. Iverson	Salinas City	Best article knitting	$2 00
Mrs. C. Johnson	Salinas City	Second best article knitting	$1 00
Mrs. J. H. McDougall	Salinas City	Best embroidered piano cover	$2 50
Mrs. W. J. Gilkey	Salinas City	Best lady's collar	$2 50
Mrs. George Downie	Salinas City	Best knit shawl	$2 00
Mrs. J. F. Birlem	Salinas City	Best worsted crochet work	$2 00
Mrs. J. B. Bennett	Salinas City	Second best worsted crochet work	$1 00
Mrs. J. B. Bennett	Salinas City	Best collection of shells	$5 00
Mrs. S. L. Cutter	Salinas City	Best rug	$2 50
Mrs. J. M. Dutton	Salinas City	Best knit quilt	$2 50
Mrs. J. R. Gilkey	Salinas City	Best patchwork quilt	$2 00
Mrs. M. J. Lewis	Salinas City	Best patchwork cotton quilt	$2 00
Mrs. C. W. Cox	Salinas City	Best home-made woolen gown	$1 00
Mrs. S. W. Conklin	Salinas City	Best needlework	$2 00
Mrs. E. P. Iverson	Salinas City	Second best needlework	$1 00
Mrs. P. Kilburn	Salinas City	Best domestic sewing	$2 00
Mrs. William Bardin	Salinas City	Best embroidered tablecloth	$2 00

SECOND DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Miss Annie Geil	Salinas City	Best Spanish embroidery	$2 00
Mrs. S. F. Geil	Salinas City	Second best Spanish embroidery	$1 00
C. Francee	Salinas City	Best sign painting	$5 00
C. Francee	Salinas City	Best carriage painting	$5 00
Miss Annie Williams	Salinas City	Best original oil painting	$2 50
Mrs. S. L. Cutter	Salinas City	Best original oil painting from nature	$3 00
Miss Annie Williams	Salinas City	Best copy oil painting	$2 00
Mrs. C. Kilburn	Salinas City	Best original crayon drawing	$2 50
Miss C. Kilburn	Salinas City	Best penmanship	$3 00
C. Seighold	Salinas City	Best exhibit of silverware	$5 00
C. Seighold	Salinas City	Best exhibit of cutlery	$2 50
Vanderhurst, Sanborn & Co.	Salinas City	Furniture, carpets, and Eastern manufactured goods	$60 00

EQUESTRIANISM.

Name.	P. O. Address.	Award.
Miss Una G. Herbert	Soledad	First prize, $25 00
Miss May Percy	Salinas City	Second prize, $20 00
Miss Minnie Gilkey	Watsonville	Third prize, $15 00
Miss Lizzie Kelly		Fourth prize, $10 00

SPEED PROGRAMME.

TUESDAY, OCTOBER 7, 1884.

Race No. 1—Running.

For all horses in the district. Purse, one hundred dollars. Half mile and repeat. First horse, eighty dollars; second, twenty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Sam Tilden	Jas. Delaney	Salinas City.
Ivy	T. C. Herbert	Soledad.
Sorrel Fanny	W. Cavanagh	Gonzales.
Woodland	W. H. Wisecarver	Salinas City.

Position at Starting.	*Position at Close.*				
1. Sorrel Fanny	Woodland	1	1		
2. Sam Tilden	Sorrel Fanny	3	2		
3. Ivy	Sam Tilden	2	3		
4. Woodland	Ivy	4	4		

Time—5:01½; 5:01¾.

Race No. 2—Trotting.

For all double teams in the district that have never trotted for money; owner to drive. Mile heats, three in five. First horse, sixty dollars; second, twenty-five dollars; third, fifteen dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Susie and mate	Z. Hebert	Salinas City.
Mamie and Charley	Wm. Vanderhurst	Salinas City.
John D and mate	Paris Kilburn	Salinas City.

Position at Starting.	*Position at Close.*						
1. John D and mate	Mamie and Charley	3	2	1	1	2	1
2. Susie and mate	Susie and mate	2	1	2	2	1	3
3. Mamie and Charley	John D and mate	1	3	3	3	3	2

Time—3:45½; 3:28; 3:18½; 3:28; 3:20; 3:21¾.

WEDNESDAY, OCTOBER 8, 1884.

Race No. 3—Trotting.

Mile heats, three in five. Special purse, one hundred and fifty dollars. First horse, seventy-five dollars; second, thirty-seven and a half dollars; third, twenty-two and a half dollars; fourth, fifteen dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
John Splann	C. Rodriguez	Salinas City.
Santa Cruz Belle	T. Kennedy	Watsonville.
Kitty S	J. G. Sanchez	San Juan.
Jackson	James Delaney	Salinas City.

RACE No. 3—Continued.

Position at Starting.	*Position at Close.*			
1. Kitty S	Santa Cruz Belle	1	1	1
2. Santa Cruz Belle	Kitty S	2	2	2
3. John Splann	John Splann	3	3	3
4. Jackson	Jackson	dis.		

Time—2:54; 2:50¾; 2:51.

RACE No. 4—TROTTING.

For all horses that have never beaten 2:40. Purse, one hundred dollars. Mile heats, three in five. First horse, sixty dollars; second, twenty-five dollars; third, fifteen dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Joe	James Delaney	Salinas City.
Hannah Lee	Thomas Kennedy	Watsonville.
Johnnie O'Neil	M. J. Lewis	Salinas City.

Position at Starting.	*Position at Close.*			
1. Joe	Hannah Lee	1	1	1
2. Hannah Lee	Johnnie O'Neil	2	2	3
3. Johnnie O'Neil	Joe	3	3	2

Time—2:32; 2:35; 2:37.

THURSDAY, OCTOBER 9, 1884.

RACE No. 5—TROTTING.

For all three-year olds or under in the district. Mile heats, three in five. Purse, one hundred and twenty-five dollars. First horse, sixty-two dollars and fifty cents; second, thirty-one dollars and twenty-five cents; third, eighteen dollars and seventy-five cents; fourth, twelve dollars and fifty cents.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Starlight	Thos. Kennedy	Watsonville.
Junio	M. E. Gonzales	Gonzales.
Daniel Webster	John McEntee	Chualar.
Titus	C. Rodriguez	San Juan.

Position at Starting.	*Position at Close.*			
1. Junio	Junio	1	1	1
2. Starlight	Daniel Webster	2	2	2
3. Daniel Webster	Titus	3	dis.	
4. Titus	Starlight	4	dis.	

Time—3:01¾; 2:56½; 2:56½.

RACE NO. 6—RUNNING (NOVELTY).

One and one fourth miles. Purse, one hundred and fifty dollars. First quarter, twenty-five dollars; second quarter, twenty-five dollars; third quarter, twenty-five dollars; fourth quarter, twenty-five dollars; fifth quarter, fifty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Daisy D	Chas. Cockerill	Soledad.
Woodland	W. H. Wisecarver	Salinas City.
Ivy	J. C. Herbert	Soledad.
Sorrel Fanny	W. Cavanagh	Gonzales.

Position at Starting.	*Position at Close.*
1. Woodland	Ivy won first and second quarters.
2. Daisy D	Daisy D won third, fourth, and fifth quarters.
3. Ivy	
4. Sorrel Fanny	

Time—0:25; 0:52; 1:25; 1:53; 2:27.

FRIDAY, OCTOBER 10, 1884.

RACE NO. 7—TROTTING.

For all double teams in the district. Purse, one hundred dollars. Mile heats, three in five. First horse, sixty dollars; second, twenty-five dollars; third, fifteen dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Susie and mate	Z. Hebert	Salinas City.
John D and mate	P. Kilburn	Salinas City.
Mamie and Charlie	Wm. Vanderhurst	Salinas City.

Position at Starting.	*Position at Close.*			
1. John D and mate	John D and mate	1	1	1
2. Susie and mate	Susie and mate	2	2	2
3. Mamie and Charlie	Mamie and Charley	3	3	3

Time—3:23; 3:16½; 3:16½.

RACE NO. 8—TROTTING (SPECIAL).

Two-mile heats, two in three. Purse, one hundred dollars. First horse, fifty dollars; second, thirty dollars; third, twenty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Jackson	Jas. Delaney	Salinas City.
Santa Cruz Belle	Thos. Kennedy	Watsonville.
Kitty S	J. G. Sanchez	San Juan.

Position at Starting.	*Position at Close.*		
1. Jackson	Santa Cruz Belle	1	1
2. Kitty S	Kitty S	2	2
3. Santa Cruz Belle	Jackson	3	3

Time—5:38; 5:46½.

RACE NO. 9—PACING.

For all pacing horses in the district. Mile heats; three in five. Purse, one hundred dollars. First horse, sixty dollars; second, twenty-five dollars; third, fifteen dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Dixie	John Brown	Soledad.
J P S	J. P. Sargent.	Sargent's Station.
Mary S	B. V. Sargent	Monterey.

Position at Starting.	*Position at Close.*					
1. J P S	J P S	2	2	1	1	1
2. Dixie	Dixie	1	1	2	2	2
3. Mary S	Mary S	dis.				

Time—2:40¼; 2:34½; 2:34; 2:42; 2:42½.

SATURDAY, OCTOBER 11, 1884.

RACE NO. 10—TROTTING.

Free for all. Mile heats; three in five. Purse, two hundred and fifty dollars. First horse, one hundred and twenty-five dollars; second, sixty-five dollars; third, thirty-five dollars; fourth, twenty-five dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Joe	James Delaney	Salinas City.
Hannah Lee	Thomas Kennedy	Watsonville.
Billy Matthews	J. G. Sanchez	San Juan.
Gray Charley	A. F. Whitney	Prescott, Oregon.

Position at Starting.	*Position at Close.*						
1. Gray Charley	Gray Charley	3	3	d. h.	2	1	1	1
2. Billy Matthews	Joe	2	1	d. h.	1	2	2	2
3. Hannah Lee	Billy Matthews	1	4	3	3	3	dis.	
4. Joe	Hannah Lee	4	2	4	dis.			

Time—2:37½; 2:37½; 2:35¾; 2:37½; 2:38½; 2:44; 2:48.

RACE NO. 11—TROTTING (SPECIAL).

Mile heats; three in five. Purse, one hundred and fifty dollars. First horse, ninety dollars; second, thirty-seven dollars and fifty cents; third, twenty-two dollars and fifty cents.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Baby	James Delaney	Salinas City.
John Splann	C. Rodriguez	San Juan.
John D	P. Kilburn	Salinas City.

Position at Starting.	*Position at Close.*				
1. Baby	John Splann	2	1	1	1
2. John Splann	Baby	1	2	2	2
3. John D	John D	dis.			

Time—2:57½; 2:50¾; 2:51; 2:53½.

TRANSACTIONS

OF THE

EIGHTH DISTRICT AGRICULTURAL ASSOCIATION

(Placerville,)

For the Year 1884,

Composed of the Counties of Nevada, Placer, El Dorado, Amador, Alpine, and Mono.

OFFICERS OF THE ASSOCIATION.

G. G. BLANCHARD ..... President.
J. J. CRAWFORD ..... Secretary.
GEORGE FLETCHER ..... Assistant Secretary.
H. SILVESTER ..... Treasurer.
JOHN BLAIR ..... Assistant Treasurer.

DIRECTORS.

G. G. BLANCHARD ..... Placerville, El Dorado County.
THOMAS FRASER ..... Placerville, El Dorado County
P. J. ISBELL ..... Placerville, El Dorado County
JAMES ASKEW ..... El Dorado, El Dorado County
L. G. NORRIS ..... Plymouth, Amador County
D. W. PERKINS ..... Rocklin, Placer County.
A. B. DIBBLE ..... Grass Valley, Nevada County.
O. P. STIDGER ..... North San Juan, Nevada County.

REPORT.

PLACERVILLE, November 14, 1884.

To the honorable the State Board of Agriculture:

GENTLEMEN: The Directors of the Eighth (El Dorado) District Agricultural Association submit this, their report of the transactions of said association, for the year ending this date.

J. J. CRAWFORD, Secretary.

RECEIPTS AND EXPENDITURES.

Receipts.

Subscription of citizens in cash		$1,383 00
From advertisements in premium lists		66 50
Exhibitors' tickets—89, at $3		267 00
Single admissions to Park—1,296, at 50 cents each	$648 00	
Half admissions to Park—320, at 25 cents	80 00	
Commuted admission of bar employés	13 00	
		741 00
Admissions to grand stand—180 men, at 25 cents each	$45 00	
Entrance fees to races	612 50	
Percentage on pools	67 00	
Sale of hack badges	12 00	
		736 50
Single admissions to Pavilion—1,150, at 25 cents each	$287 50	
Half admissions to Pavilion—195, at 15 cents	29 25	
		316 75
Pavilion privileges, ice cream, etc.		50 25
State appropriation		1,200 00
		$4,761 00

Expenditures.

Printing account		$184 05
General expenses, salaries, stationery, etc.		317 03
Permanent improvement at Park	$297 77	
Expenses at Park, music, forage, labor, etc.	313 18	
Returned entrance fees in unfilled races	82 50	
Paid purses	1,580 00	
		2,273 45
Expenses at Pavilion, music, rent, labor, etc.	$336 35	
Paid premiums awarded	546 50	
		882 85
By bills payable, paid on account of Placerville indebtedness		438 25
Paid Assistant Secretary on account premiums awarded at Grass Valley		634 87
By discount on State warrant		30 50
		$4,761 00

FINANCIAL CONDITION OF THE ASSOCIATION NOVEMBER 1, 1884.

Liabilities, at Placerville.

November 24, 1883—Total indebtedness as per report of ex-Secretary	$4,952 80
November 1, 1884—Mortgage, interest, and taxes	262 00
	$5,217 80

Per Contra.

November 1, 1884—Paid on account of above	$438 25
November 1, 1884—Balance remaining unpaid	4,779 55
	$5,217 80

ANNUAL ADDRESS.

DELIVERED BY REV. G. P. TINDALL.

It is a principle of Holy Writ, applicable alike to all interests and all industries, to improve the talents one has, whether the number be ten, or five, or one.

It is one of the most obvious of facts that different localities on the earth afford different resources of wealth, and varied opportunities for profitable industry. As yet no other locality has become a rival of Eastern Asia for the profitable cultivation of the tea plant. Virgil's wise words are as applicable to-day as when he wrote them, 30 B. C.: "Before we cleave an unknown plain with the plowshare, let it be our care previously to learn the winds and various character of the climate, the ways of culture practiced by our forefathers, and the tillage and habits of the soil, what each country is apt to produce, and what to refuse. Here grain, there grapes more happily grow; nurseries of trees elsewhere, and herbs spontaneous bloom. Do not you see how Imolus sends saffron odors, India ivory, the soft Sakaeans their frankincense? *These laws and eternal conditions nature from the beginning imposed on certain places.*"

The trend of the mountains of Europe being from east to west, the colder winds from the north are kept back from the famous southern peninsulas of that continent, while they lie fully open to the warm air of tropical Africa, and again have their atmosphere pleasantly moistened and modified by the grandest of seas, the great Mediterranean. Hence Greece, Italy, and Spain have been famous, during long ages, for the delicacy, sweetness, and flavor of their fruits. Nature gave to Southern Europe these talents, which an enlightened people early learned to improve.

By a most happy fortune that favored land did not remain unsung. Publeier Virgilius Maro set forth in immortal verse the beauties and resources of that goodly land. Possessed of a genius to see beauty, grandeur, and elegance wherever displayed, fully in love with his country, and alive with the truest appreciation of all her resources and attractive features, and thoroughly conversant with all her industries, he drew the faithful picture which his countrymen never ceased to admire, and which is as pleasing to-day as when it was written. Were he living on this coast he would be just the poet for this occasion, for he sang of "What makes the harvests joyous, under what sign it is proper to turn the earth, and join the vine to the elms." And with eminent fitness for *sunny* Italy as well as with characteristic piety, he lifts his eyes to heaven, exclaiming: "Ye brightest lights of the world that trace the year, gliding along the sky, your bounteous gifts I sing."

The time to plow, and his idea of good tillage, are thus expressed: "In early Spring, when melted snow glides down from the hoary hills, and the crumbling globe unbinds itself by the zephyr, then let

my steer begin to groan under the deep pressed plow, and the share, worn by the furrow, begins to glitter. That field at last answers the wishes of the covetous farmer, which twice hath felt the sun, twice the cold; harvests immense are wont to burst his barns." Hard land was plowed four times. He advises "to suffer" the "lands, after reaping, to lie fallow every other year, and the exhausted field to harden by repose." Also, to change crops on the same field. "Oats and flax exhaust the land." Sow them early every other year, and enrich the land. He recommends thorough harrowing and frequent exercise of the land *imperiously*.

Virgil thus speaks of the farmer using irrigation; how, "on the sown corn he drives the stream and ductile rills; and when the field is scorched with raging heat, the herbs all dying, lo! from the brow of a hill tract he decoys the torrent; which, falling down the smooth rocks, awakes the hoarse murmur, and with gurgling streams allays the thirsty lands."

And they had evils to contend with as well as we. "Then various pests baffle us," he says; "often the diminutive mouse has built its cell and made its granaries; or the moles, deprived of sight, have dug their lodges under ground, and in the cavities are found vermin which the earth produces in abundance; the weevil plunder vast heaps of corn, and the ant, fearful of helpless old age."

Though not in the scientific language of to-day, yet with fullness and fine discrimination Virgil describes the facilities of soils and for what fruits and grains they are best adapted. He says: "Let not the vineyards lie toward the setting sun." And "while their infant age sprouts with new born leaves, you must spare the tender vines; to the joyous shoot raising itself on high with loose reins, the edge of the pruning knife must not be applied, but when they embrace the elms with firm stems, then cut their locks, then lop their arms; also, the whole soil must be plowed three or four times a year, and the clods be continually broken, the whole grove must be disburdened of its leaves." Then as now, "the farmer's past labor returns in a circle and the year rolls round on itself on its own steps."

Virgil also lays down rules for the management of cattle and the rearing of horses, oxen, and sheep. He says: "The colt of generous breed, from the very first walks high throughout the fields; he is the first that dares to lead the way. Lofty is his neck, his head little and slender, his belly short, his back plump, and his proud chest swells luxuriant with brawny muscles. The bright bay and bluish gray are in most request. Thick is his mane, and, waving, rests on his right shoulder." No wonder that our Italian friends seem to excel in winning wealth from the hillsides and vales of this favorable coast, which, in some of its features and peculiarities, resembles far famed Italy.

The Atlantic side of our continental home extends northeast and southwest, and, the mountain ranges running in the same direction, the northeast wind has a free course. The abundant vapors from the Gulf of Mexico and the Atlantic are there met and cooled and condensed, and made to drop their moisture in the frequent rains of the Southern States. These unfailing *summer showers* make the cotton crop. These States, having soil and climate so well adapted to the growth of this plant, have an inexhaustible source of wealth in this industry. They can raise cotton for all the rest of our country, and

for all Europe besides. We know of no other locality having such a combination of favorable conditions.

In Eastern Michigan the winters are liable to be so cold as to kill the peach trees, and other trees no hardier than these; but Western Michigan, lying along that beautiful great lake of the same name, has a fruit belt where peaches and other fruits are raised in great abundance; and in one night they can be shipped across the lake to Chicago, Milwaukee, and other cities, and placed in market the next morning as fresh as when they were picked.

When we come to California, we find other conditions peculiar to its own favored locality. We are on the warm side of the Pacific Ocean, as Europe is on the warm side of the Atlantic. The Japan stream does for this coast what the Gulf stream does for Western Europe. Ireland is covered with luxuriant pastures, while Labrador, of the same latitude on the west side of the Atlantic, is too cold for grass or grain. Humesfort, in Norway, seventy-two degrees north latitude, is never frozen; while Cape Farewell, south of Greenland, scarcely thaws out, and Hudson's Straits in the same latitude, is sometimes open to navigation only six weeks in a year.

Ocean currents carry more water than all the rivers of the land. The Gulf Stream leaves Florida at a temperature of eighty-six degrees, and thirty-two miles wide. In mid-ocean it is one hundred and twenty miles wide. Its greatest depth is two thousand four hundred feet. It retains much of its warmth till it gets within the Arctic Circle. So marked is the difference between the temperature of the water in the Gulf Stream and that of the rest of the ocean that two thermometers dropped at the same time from the bow and the stern of the ship when it is entering the Gulf Stream, will show a difference of thirty degrees. The Japan current in the Pacific is very similar to the Gulf Stream in the Atlantic; and causes the climate of this whole western coast to be much milder than it otherwise would be. The mouth of the Ukan River, in Alaska, is of the same latitude with Hudson Strait. This river, some two thousand miles long, carries thirty per cent more water than the great Mississippi. No such stream is possible at the same latitude on the eastern side of North America.

Then we have, on this coast, another marked feature which western Europe has not, in our mountains. Parallel chains or ranges of mountains run the whole length of western North America, from the Isthmus of Panama to the Arctic Ocean. Between them and the ocean lies California, the Italy of the continent. Note the wedge-shape of the continent. On the Atlantic side, from the south the coast extends northeast; on the Pacific side, from the south the coast extends northwest. On each side the mountain ranges are parallel with the coast. What of it? What difference does that make? The coast of California is just equal to the coast from southern New Jersey to southern Georgia. One difference is this—from New Jersey to Georgia it rains in Summer-time; in California it does not. That is a great difference. The cause of this difference is the direction of these ranges of mountains. If it did not rain in Summer-time in Virginia, North Carolina, South Carolina, Georgia, Alabama, and Mississippi, they could raise no cotton there, for they have no adequate means of irrigation. In that case the people would leave the country. What are those Summer rains worth to them? That cotton crop, which is made by these rains, is worth about three hundred millions a year. The people in that country think they have ten

talents, and they are increasing this number every year. If the coast and the mountains ran, on their side of the continent, as they do on this, they would get no Summer rains and no cotton. And if the Sierra Nevada and the Rocky Mountains could be leveled, we would have rain in Summer here in California.

But we have our resources and advantages as well as they. We have a shielded, protected climate. The mountains keep back from us that cold wind from the northeast; and they keep away from us that deadly disease, that scourge of the northeastern part of the United States, consumption. Then, we have dry harvests. The abundant rains of Winter carry through to ripening the grain crops; and, gathered in a *dry condition*, it will endure a long sea voyage, which is the cheapest transportation.

Shielded from the northeasters, our fruit trees are not killed in Winter. We can dispense with the Summer showers while we have such abundance of irrigating water from the mountains. We have better control of them than eastern people have of the clouds of Summer. In that country it does not always rain just when people want it. Then we have a clear sky and a bright warm sun, which colors, and sweetens, and flavors our fruits. Then, we have the cool mountains on the east, and on the west that greatest of oceans, cool in Summer and warm in Winter, which things give us our equable climate. In Summer, our fruit trees do not wilt; the air is always cool (in the shade), while the light and heat ripen our fruits; and in Winter the trees are not frozen.

We want cotton goods from the east, though we have plenty of wool, but they want our fruit. The more they get of it the more they want it. They have been wholly unacquainted with fruit raised under these favorable conditions. In size it seems to them fabulous; in flavor it is delicious. It cannot be produced elsewhere. El Dorado County is in the heart of this fine fruit region. The east cannot equal it. It requires the mountains and the ocean and the soil and the sun to cause such fruit to grow and ripen. The possibilities of this favored region will become more and more the wonder of our country. With care in the cultivation, and in gathering and preparing for the markets, the fine fruits of this region, they will always command a premium price in eastern cities. Let it be impressed upon our farmers that they can defy competition in this line of business, just as the southeast can defy competition in cotton. No other part of the United States can produce the fruits which can be produced in abundance here. Grapes, plums, prunes, they can't raise, and other fruits raised in the east have an acidity which is taken away by our more sunny clime. Water and sunshine come at the same time.

One cause which hinders the rapid settlement of the fruit regions of California, by immigration from the east, is these great differences in the conditions of the country. The eastern farmer is not accustomed to such conditions and such a manner of farming. Coming to California is like going to a foreign country for an eastern man. And the farmer must needs learn the business; hence this region will fill up with population more slowly, but it will fill up surely, for the people all over the United States like the taste of what can be raised here. Our canned fruits and our dried fruits, and by rapid

transit, our fresh fruits, will always sell well in the east, for the farmers there cannot equal them.

In this connection, I would not be true to myself if I did not say a word upon wine making. France is an older country than the United States; she has had larger experience than we have in wine making. Louis Phillippe, King, 1830–48, said that it would be a great benefit to that country, if as vines died out the land could be planted more largely with grain. Poverty reigned when the people were most devoted to wine making; more objects of government charity came from those parts of the country. To manufacture grapes into wine is to convert a good fruit and a wholesome food into a drink which has in it an irritant poison, which the highest medical authority, both in this country and Great Britain, declares has no place in the healthy human system. The most reliable science, the sure testimony of experience, and the most enlightened moral sentiment, all combine to say: *Do not convert grapes into wine.*

The grapes raised on this coast are much sweeter than those raised in the east. This is what makes them superior for food, but when converted into wine the larger amount of sugar makes the wine so much stronger with alcohol. The Board of State Horticultural Commissioners advise that in the adjustment of the tariff the large interest in making raisins receive its due share of attention. In time we can supply the whole country with the best of raisins, as the south supplies it with cotton, and the northwest with corn and wheat.

Our mild Winters are inviting, not only to people who fear pulmonary diseases, but also to sundry insects and pests which injure and destroy our fruit. They can live and prosper in this climate.

The best science of the age, and much skill and industry, are arrayed against them, and they are bound to be conquered. Hon. Webster Childs, of Michigan, realized from his apple orchard an amount equal to the interest on two thousand dollars an acre; and sold his crop at two dollars a barrel. This he did, while most farmers did not count their orchards anything by way of profit.

He selected his trees with the utmost care. It costs no more to raise a good tree than a poor one. When it was young he formed its top to suit him; he wanted it to be an inverted tripod—three good branches radiating from the branches of the trunk. When grown and laden with fruit, one man could pick many barrels of apples in a day, and *his* orchard was a source of large profit.

He explained to me how three men in the western part of the State, owning land on Lake Michigan, and very much separated from other farms, raised apples without any worm holes in them. They learned the habits of the insect, where he was born, where he lived while very young, what were his movements when he waked to activity, which way he traveled, and what accommodations he wanted on his journey from the heart of the apple down the tree to the ground.

They set a trap for him in the shape of an inviting, soft, protected stopping place, consisting of rags wound about the trunk of the tree. The insects invariably stopped at these places. They could not get over them. They put up there for awhile; this place suited them; since coming out of the apple they felt the need of a little protection; they rather liked their ragged home; they would stay quite contented for a few days. And the owner came round every few days and destroyed them. Thus, one generation after another was cut off, till

the race perished from these three farms, and the fruit from them commanded a premium in market.

A similar method used in this State by Mr. Cooke, in 1880, has proved successful, as reported by the Commissioners in their report of 1882. What these men have done others can do, and will do; such examples are sure to be imitated; we all like apples without worm holes. From a little foolish practice when a young man, I know that tobacco is not good for me; neither is it good for the woolly aphis; wash off this pest with tobacco juice of a certain dilution and temperature, and he will not live to come again.

Pests have been multiplying, and the price of fine fruit has been advancing. Professor C. H. Dwinelle says, B. S. H. C., p. 14: "Foreign markets have been secured, where our products are highly appreciated; and climate disasters have fallen upon other producing regions, which have reduced the world's supply of choice fruit. Methods of culture and desirable varieties are much better understood than formerly, so that it is comparatively easy to secure good crops of profitable fruit. The greatest dangers are from insect enemies. It is known that most, if not all, of these can be mastered by vigilance and industry. The important question now is, 'Who are to be one's neighbors?' A few orchards can breed insects as fast as the most energetic can kill them. Concert of action is necessary. The increased study of entomology will secure this result."

The labors of such men as Cooke and Dwinelle and others, in the field and in the lecture room, will become more and more highly appreciated. The life and history of all these injurious insects are becoming more fully known. And insects (as the ichneumon flies) can be arrayed against insects; and these useful creatures are commending themselves to the study and care of fruit raisers.

When people learn that old boxes have their cracks and crevices supplied with the eggs of these pests, they will not want them, at least till they have been thoroughly cleansed, which can easily be done. It is true that the price of the fairest fruit will be much vigilance, but the fruit will be worth the cost. It is a feast for the eyes, and delicious to the taste, and will bring money to the producers.

A few years ago many orchards about San José were so badly infested that property owners were in haste to sell at very low figures; but the leaders in the war against pests went to their relief. "That region is now noted for the clean condition of its nurseries." (C. H. D.) A general exchange of boxes at great fruit markets is a good way to exchange insects all over the country; no man knows what variety of insect eggs he has brought to his ranch. In due time they will hatch and multiply wonderfully.

The woolly aphis has destroyed the apple interest in some localities; they have made it unprofitable. They work on the roots as well as on the branches. By vigorous appliances this pest can be destroyed; and a stock has been found upon which this insect so far is not working. This may prove a valuable discovery. Refuse tobacco, well steeped, one pound to the gallon of water when made, and reduced by two or three times as much water before using, and at a temperature of about 130 degrees, makes a good wash for this pest.

Mr. W. B. West, of San Joaquin District, reports successful war upon the red spider. (B. S. H. C., pp. 20, 21.)

Mr. Felix Gillet, Commissioner of El Dorado District, thinks that ichneumon flies may be hurled against the codlin moth with success,

and recommends raising them by the million to destroy pests; and that the whole subject of insect warfare be more thoroughly studied; and is confident of ultimate success. He also relates how the beetle called lady-bird (*coccinella*) will clean out cabbage lice. Mr. Gillet well says: "It is not so much the anatomy of the insect that we want as its habits," for our aim is to kill them, no matter what their anatomy may be.

There is, then, wealth in these hills and beautiful valleys, and in this favored climate. The increase of intelligence, and the stimulant which will be given to industry by the demands for these fine fruits, will win victories for wealth and happiness.

The whole science of entomology is commending itself in a practical and useful way to the best minds, and to our most thrifty and enterprising citizens. And it should be a matter of care and coöperation by all the people to promote in every way the most thorough and practical knowledge of this whole subject. The permanent prosperity and wealth of the county will depend upon the success with which these pests shall be treated, whether or not they shall be exterminated. We can depend upon the mountains, the ocean, and the sun and the soil. With some variation, from year to year, now cooler, now warmer, in general our climate will remain unchanged. These favorable conditions will continue. The only question is: Can we conquer these minute but numerous enemies. No other part of the United States can compete with us in raising many of the fine fruits. Every individual is interested in this subject; all branches of business feel the failure of the fruit crop, and all will feel the benefit of an abundant year. We have a motive for vigilance.

Then we have another source of wealth, hitherto and still regarded as the greatest—*our mines*, our minerals. The soil will last longer than the mines, but the mines will doubtless outlive all of us; generations to come will find gold in these everlasting hills. In this our county we count mines by the score, and their aggregate yield runs up among the millions. One industry helps another. The yield from the gold mines buys fruit for miners; mines thus keep up a market for the product of the rancher (fruit), and long before the mines are exhausted the hillsides and valleys will be crowned with plenty by reason of faithful and improved care and cultivation. Then we have other mines and useful minerals almost without number. Spend an hour with our friend Mr. E. M. Smith, of Coloma, at the west end of this hall, and one is deeply impressed with the wonderful mineral wealth of this county. Gold is found in more than twenty combinations. He tells me of a locality where, in going three miles, one may see platinum, gold, silver, iron, copper, quicksilver, and tin. We need not go far to find chrome, asbestos, soapstone, marble, slate, isinglass, and the best of building stone.

In time all these useful materials will be brought out and marketed. Think how many, and what a variety of industries will be developed to make available all these sources of wealth.

Our building stone will find its way by rail to larger cities; our marble will supply enduring ornaments to our homes; our ochres will lay the foundation of permanent paints; our lumber will find a wider market. Indeed, one knows not where to stop in enumerating the resources of wealth and the prospective industries of this county. Many, now in their infancy, will grow to proportions now scarcely dreamed of.

One thing of late years has pleased me very much, the increase of *self respect* among the cultivators of the soil. Though that occupation has not been the business of my manhood, I was born on the farm, and for several years the only money I earned was in following the plow. I would not be afraid to compete for a straight furrow to-day. Hence I naturally took to the Grangers. They honored me with the chaplaincy when the Grange was organized in our town. I saw in that society a bright future for farmers, husband and wife, son and daughter. And in a few months, no city society could number as many good singers, or more sensible speakers, or a better looking company of ladies and gentlemen than the Grange. Farmers have a greater number of important subjects to talk about than merchants or mechanics. They have occasion to consult more books, and during all the year have more time to read them than the shopkeepers. The farmer's son is less confined than the clerk; and when with talents and education, the political weathervane points in the right direction, the farm is quite a good place from which to go to the Legislature or to Congress.

If I could say or do anything to improve and add interest and attractiveness to this annual exhibition I would gladly do it. May I suggest one thing, that we sing its praises, in song give glory to Him who makes such an exhibition possible; who built these mountains; who veined them with gold and silver; who gave these metals their fineness and quality; who created the sun, without whose light and heat darkness and death would reign supreme over all the land; who created these fruits; who flavored them to man's taste, making them so delicious; who formed and fashioned the horse in his majesty and beauty and strength, and made him man's servant; who gave us sheep and cattle. Think how generally we are united in what answer we should give to these questions. How little of real atheism there is in the minds of the people. Is it wise or fair to rule God out from an agricultural and horticultural exhibition? The grandest music ever written was composed in honor of God. The most celebrated melodies of all antiquity were the songs of Zion. Many nations were curious and eager to hear them. These songs all honored God for his works, and praised Him for His wonderful works. All classes of religionists could join in this exercise. Atheism has little place in the thought of the American people.

But if we would put God in the place of honor we must do what we can to put away what dishonors him—all forms of betting and gambling.

Then let us introduce a real harvest home exercise. We have the fruits and minerals here before us. The sight of them fills our minds with admiration. There are words and music to give the sublimest expression to this admiration which we all feel. We have the players upon the instruments with us. We are delighted with their liquid music. Let also the singers come here, all the players upon instruments, and all the singers, and let all the people praise God for the gold and silver and precious stones, and for the grains and the fruits. We feel like it. This is the time and place to do it with the grandest effect. Such an exercise might become one of the great attractions of the occasion. Thousands would enjoy it, and all who should enjoy it would be benefited by it. It would be the true climax, the fitting culmination of this exhibition of man's skill and industry, and of the wonderful works of the Almighty.

PREMIUMS AWARDED—1884.

FIRST DEPARTMENT.

Live Stock.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
CLASS I—HORSES—THOROUGHBRED.				
Best three years old and over	Hi. Barton	Latrobe	Jennie B	$15 00
CLASS II—HORSES—GRADED.				
Best stallion, three years old and over	John Dennen	Grass Valley	Doncaster	$10 00
Best stallion, two years old	W. R. Tong	Placerville	Victor E	$7 50
Best gelding, three years old	Thompson Davis	Plymouth	Scamperdown	$5 00
Best colt, under one year	W. R. Tong	Placerville	Robert Redd	$2 50
Best stallion, one year old	T. Davis	Plymouth	George Howson	$5 00
Best gelding (special premium)	P. B. Hogan	Placerville	Ringgold	$5 00
Best mare, three years old and over	M. Heffrin	Ione	Emma	$10 00
Best mare, two years old	P. B. Hogan	Placerville	Jessie	$7 50
Best mare colt, under one year	W. R. Tong	Placerville	Lucille	$2 50
CLASS III—HORSES OF ALL WORK.				
Best stallion, three years old and over	Hi. Barton	Latrobe	Tom	$5 00
Best gelding, three years old and over	W. Hendrix	Placerville	Charlie	$5 00
Best gelding, two years old	J. J. Miller	Placerville	Brigham	$3 00
Best gelding (special premium)	C. D. Boyden	Lincoln	Bingo	$3 00
CLASS IV—ROADSTERS.				
Best gelding, three years old and over	J. C. Brewster	Latrobe	Nemi O	$5 00
Best gelding, two years old	Charles McDonald	Placerville	Relianee	$3 00
CLASS V—DRAFT HORSES.				
Best three years old and over	C. Halverson	Routier's	Oteel	Diploma.
CLASS VI—CARRIAGE HORSES, ETC.				
Best saddle horse	G. L. Blakeley	Placerville	Prince	$2 00

SWEEPSTAKES.				
Best stallion, any age or breed	J. Dennen	Grass Valley	Doncaster	Diploma.
CLASS I—THOROUGHBRED CATTLE.				
Best bull, two years old and over	G. B. Bailey	Placerville	Dick	$7 50
GRADED CATTLE.				
Best cow, three years old and over	W. Hendrix	Placerville		$10 00
Best cow, one year old	W. Hendrix	Placerville		$5 00
CLASS I—HOGS.				
Best breeding sow, two years old and over	J. Scott	Placerville	Poland China	$5 00
POULTRY.				
Best lot (trio) Plymouth Rocks	T. Clifton	Placerville		$2 50
Best lot (quintet) Brahmas	A. Hale	Placerville		$2 50
Best lot (trio) Silver Spangled Polands	W. W. Stone	Placerville		$2 50
Best lot (trio) Bronze turkeys	T. Clifton	Placerville		$2 50
Best lot (trio) Crested ducks	T. Clifton	Placerville		$2 50
Best lot (trio) Rouen ducks	T. Clifton	Placerville		$2 50

SECOND DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS III.			
Wm. Johns	Greenwood	Iron harrow	$3 75
N. Wonderly	Placerville	Hay press	$3 75
Jacob Lyon	Placerville	Peach and plum pitter	$1 50
CLASS IV.			
E. A. Boles	Placerville	Gale chilled plow	Diploma.
E. A. Boles	Placerville	Star Moline No. 5 plow	Diploma.
E. A. Boles	Placerville	Star Moline No. 4½ plow	Diploma.
CLASS V.			
N. Wonderly	Placerville	Four-horse wagon	Dip. and $5 00
N. Wonderly	Placerville	Two-horse carriage	Dip. and $5 00
E. A. Boles	Placerville	Two-horse wagon	Dip. and $5 00
E. A. Boles	Placerville	Thoroughbrace wagon	Diploma.

THIRD DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
J. W. Dench	Placerville	Double team harness	$2 50
J. W. Dench	Placerville	Single team harness	$2 50
J. W. Dench	Placerville	Bridle	$1 00
CLASS II.			
J. W. Dench	Placerville	Best lady's saddle	Diploma.
CLASS IV.			
Mrs. J. I. Reed	Placerville	Best exhibit upholstery	$2 50
CLASS V.			
Joseph Miller	Lake Valley	Best exhibit cooper work	$2 50
CLASS VI.			
Leonard Reeg	Placerville	Best exhibit roofing slate	$2 00

FOURTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
Mrs. Wm. Hendrix	Placerville	Best comforter	$2 00
Miss Mary Kelly	Kelsey	Best leaf and moss work	$1 00
Mrs. G. E. Morey	Placerville	Best lamp stand mat	$1 00
Mrs. G. E. Morey	Placerville	Best cotton embroidery	$2 50
Mrs. G. E. Morey	Placerville	Best lace table cover	$1 50

FOURTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Miss Lena Hunger	Placerville	Crazy quilt	Sp. pre. & $1 50
Mrs. O'Donnell	Placerville	Best hearth rug	$1 00
Mrs. J. J. Crawford	Placerville	Best silk embroidery	$2 50
Mrs. J. Kirk	Placerville	Best patchwork quilt	$2 50
Mrs. E. W. Witmer	Placerville	Best ottoman cover	$1 50
Mrs. E. Giamboni	Nashville	Best pair knit cotton stockings	$1 00
J. R. Caldwell	Placerville	Best home-made candies	$2 50
Miss Dora Culbertson	Placerville	Best silk quilt	$2 50
Miss Mary Hunger	Placerville	Best hair work	$1 00
Mrs. J. A. Sigwart	Placerville	Best needlework picture	$1 50
Mrs. P. J. Isbell	Placerville	Best knit woolen stockings	$1 00
Mrs. J. I. Reed	Placerville	Best Angora rug	$1 00
Mrs. J. I. Reed	Placerville	Best Angora robe	$2 00
Miss Sophia Ring	Placerville	Silk embroidery	Special mention.
Miss Sophia Ring	Placerville	Best worked handkerchief	$1 50
Mrs. Carrie Thrailkill	Auburn	Sofa cush. & Kensington picture	Special mention.
Miss Sophia Ring	Placerville	Best linen embroidery	$2 50
Miss Maggie Knights	Placerville	Best ornamental needlework	$1 50
Miss Susie Lowry	Placerville	Crochet slippers	Special mention.
Miss Maggie Knights	Placerville	Best rococo ribbon work tidy, etc.	$1 50
Mrs G. E. Morey	Placerville	Knit slippers	Special mention.
Mrs. F. Engesser	Green Valley	Tarlton wreath and cross	Sp. men. & $1 00
Mrs. S. J. Alden	Placerville	Crochet work	Special mention.
Mrs. Jas. Lyon	Placerville	Best worsted wreath	Sp. men. & $1 00
Mrs. Jas. Lyon	Placerville	Cardboard cross	Special mention.
Miss Sophia Ring	Placerville	Sofa pillow	Sp. men. & $1 00
Miss Tracy Gottsch	Diamond Sp's	Best braidwork	$1 00
Mrs. S. A. Eddy	Placerville	Nine pillow cases	Sp. men. & $1 00
Mrs. G. E. Morey	Placerville	Best & largest exhib. fancy w'k	$5 00
Miss Maggie Knights	Placerville	Display fancy worked articles	Sp. men. & $2 00
Elizabeth Barthwick	Placerville	Woolen coverlet, made in 1840	Special mention.
Mrs. J. Sutherland, aged 77	Stockton	Knit lace	Special mention.
Mrs. T. W. Smith, aged 76	Santa Rosa	Knit baby boots	Special mention.
Mrs. C. Heald	O'Fallon, Mo.	Quilt made in 1850	Special mention.
Mrs. Giamboni	Nashville	Knit coverlet	Special mention.
Mrs. Bonar		Net-work pillow shams	Special mention.
Miss Lizzie Tindall	Placerville	Display of fancy work	Special mention.
CLASS II.			
Mrs. J. B. Thomas	Placerville	Best display of millinery	$2 50
Mrs. J. I. Reed	Placerville	Best display ladies' clothing	$2 50
CLASS IV.			
Sturges & Alderson	Placerville	Best exhibit glassware	Diploma.
Sturges & Alderson	Placerville	Best exhibit queensware	Diploma.
J. W. Dench	Placerville	Best exhibit harness and saddlery	Dip. and $5 00
J. W. Dench	Placerville	Best exhibit table and pocket cutlery	Dip. and $5 00
J. W. Dench	Placerville	Best exhibit sewing machine	Dip. and $5 00
Shelley Inch	Placerville	Cutlery	Spec. pre. $2 50
Shelley Inch	Placerville	Stationery	Spec. pre. $2 50
F. F. Barss	Placerville	Best exhibit jewelry and silverware	Special mention.

FIFTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
Henry Tinney	Granite Hill	Best half bushel oats	$2 50
C. H. McCuen	Placerville	Best half bushel wheat	$2 50
C. H. McCuen	Placerville	Best half bushel barley	$2 50
C. H. McCuen	Placerville	Best grass and clover seed	$2 50
James Askew	El Dorado	Best half bushel corn	$2 50
A. Cook	Placerville	Best exhibit flour	$5 00
CLASS II.			
E. P. Bunker	Placerville	Best exhibit dried beans	$1 00
C. H. McCuen	Placerville	Best exhibit potatoes	$4 00
P. J. Isbell	Placerville	Second best exhibit potatoes	$3 00
S. R. Tripp	Placerville	Third best exhibit potatoes	$2 00
Joseph Lyon	Placerville	Fourth best exhibit potatoes	$1 00
Kramp Bros.	Diamond Sp's	Best exhibit cabbage	$1 00
Jacob Lyon	Placerville	Second best exhibit cabbage	$0 50
Kramp Bros.	Diamond Sp's	Best exhibit onions	$2 50
Jacob Lyon	Placerville	Best exhibit stock beets	$1 00
Kramp Bros.	Diamond Sp's	Second best exhibit stock beets	$0 50
Jacob Lyon	Placerville	Best exhibit sweet potatoes	$5 00
S. R. Tripp	Placerville	Best exhibit watermelons	$1 00
C. H. McCuen	Placerville	Second best exhibit watermelons	$0 50
C. H. McCuen	Placerville	Best exhibit muskmelons	$1 00
C. H. McCuen	Placerville	Best exhibit parsnips	$1 00
C. H. McCuen	Placerville	Best exhibit table carrots	$1 00
J. C. Marsh	Placerville	Best exhibit sweet corn on stalk	$2 00
S. R. Tripp	Placerville	Best exhibit table beets	$1 00
C. H. McCuen	Placerville	Second best exhibit table beets	$0 50
Jacob Lyon	Placerville	Best exhibit cucumbers	$1 00
C. H. McCuen	Placerville	Second best exhibit cucumbers	$0 50
J. C. Marsh	Placerville	Best exhibit tomatoes	$2 00
Jacob Lyon	Placerville	Second best exhibit tomatoes	$1 00
C. H. McCuen	Placerville	Best new variety potatoes from seed	$4 00
Jacob Lyon	Placerville	Best variety garden vegetables	$5 00
C. H. McCuen	Placerville	Second best variety garden vegetables	$2 50
S. R. Tripp	Placerville	Third best exhibit garden vegetables	$1 50
C. H. McCuen	Placerville	Castor oil plants	Hon. mention.
Jacob Lyon	Placerville	Best display of squashes	Spec. prem., $1
Jacob Lyon	Placerville	Best display of turnips	Spec. prem., $1
C. H. McCuen	Placerville	Best dis. of home made tobacco	Spec. prem., $2
C. H. McCuen	Placerville	Best display of oyster plants	Spec. men. & $1
CLASS III.			
Mrs. E. H. Evans	Placerville	Best and largest variety flowering plants	$4 00
Mrs. M. O'Keefe	Placerville	Second best and largest variety flowering plants	$3 00
Mrs. O'Donnell	Placerville	Third best and largest variety flowering plants	$2 00
Mrs. J. I. Reed	Placerville	Best display flowers in hanging baskets	$1 50
Miss Lizzie Wichmann	Placerville	Best display cultivated grasses	$1 50
Miss Lizzie Wichmann	Placerville	Best display of cut flowers	$1 00
C. H. McCuen	Placerville	Best display of flax seed	$2 50
C. H. McCuen	Placerville	Best display of leaf tobacco	$2 50
W. W. Hoyt	Diamond Sp's	Best display of hops	$2 50
CLASS IV.			
Mrs. Wm. Hendrix	Placerville	Best ten pounds of lard	$1 50
Jas. Askew	El Dorado	Second best ten pounds of lard	$1 00
Jas. Askew	El Dorado	Best ten lbs. of butter in rolls	$5 00
Jas. Askew	El Dorado	Best twenty lb. firkin of butter	$5 00

FIFTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS V.			
Mrs. M. Maynard	Placerville	Best two loaves wheat bread, 48 hours old and over	$3 00
Mrs. P. B. Hogan	Placerville	Second best two loaves wheat bread, 48 hours old	$2 00
Mrs. A. J. Lowry	Placerville	Bread and biscuit, not fulfilling conditions	Spec. mention.
Mrs. M. Maynard	Placerville	Best biscuits	$2 00
Mrs. Wm. Hendrix	Placerville	Best one half doz. doughnuts	$1 50
Mrs. P. B. Hogan	Placerville	Sec'd best ½ doz. doughnuts	$1 00
Mrs. Wm. Hendrix	Placerville	Best salt rising bread	$2 00
Mrs. Wm. Hendrix	Placerville	Best exhibit and greatest variety of home made bread	$3 00

SIXTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
J. G. O'Brien	Granite Hill	Best dis. and quality of apples	$5 00
Wm. Hendrix	Placerville	Second best display and quality of apples	$4 00
P. J. Isbell	Placerville	Third best display and quality of apples	$3 00
I. S. Bamber	Placerville	Fourth best display and quality of apples	$2 00
E. P. Bunker	Placerville	Fifth best display and quality of apples	$1 00
J. C. Marsh	Placerville	Best dis. and quality of peaches	$5 00
I. S. Bamber	Placerville	Second best display and quality of peaches	$4 00
J. G. O'Brien	Granite Hill	Third best display and quality of peaches	$3 00
Wm. Hendrix	Placerville	Fourth best display and quality of peaches	$2 00
Thos. Fraser	Placerville	Fifth best display and quality of peaches	$1 00
S. R. Tripp	Placerville	Best display and quality of figs	$3 00
Wm. Hendrix	Placerville	Sec. best dis. and quality of figs	$2 00
S. R. Tripp	Placerville	Best exhibit of blackberries	$2 00
Mrs. M. O'Keefe	Placerville	Best display of strawberries	$2 00
I. S. Bamber	Placerville	Best dis. and quality of pears	$5 00
Mrs. S. J. Altar	Placerville	Second best display and quality of pears	$4 00
Jacob Lyon	Placerville	Third best display and quality of pears	$3 00
J. G. O'Brien	Granite Hill	Fourth best display and quality of pears	$2 00
C. H. McCuen	Placerville	Fifth best display and quality of pears	$1 00
J. G. O'Brien	Granite Hill	Best dis. and quality of plums	$5 00
I. S. Bamber	Placerville	Second best display and quality of plums	$4 00
S. R. Tripp	Placerville	Third best display and quality of plums	$3 00
Mrs. M. E. Wichmann	Placerville	Fourth best display and quality of plums	$2 00
P. J. Isbell	Placerville	Fifth best display and quality of plums	$1 00

SIXTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
J. G. O'Brien	Granite Hill	Best dis. and quality of prunes	$5 00
Thos. Fraser	Placerville	Second best display and quality of prunes	$4 00
I. S. Bamber	Placerville	Third best display and quality of prunes	$3 00
E. T. Bunker	Placerville	Fourth best display and quality of prunes	$2 00
P. J. Isbell	Placerville	Fifth best display and quality of prunes	$1 00
Kramp Bros.	Diamond Sp's	Best display of wine grapes	$5 00
J. G. O'Brien	Granite Hill	Second best dis. of wine grapes	$3 00
Henry Tinney	Granite Hill	Best display of table grapes	$5 00
J. C. Marsh	Placerville	Sec. best dis. of table grapes	$3 00
Henry Tinney	Granite Hill	Best display and largest variety of grapes	$5 00
I. S. Bamber	Placerville	Best display of seedling fruit	$3 00
J. C. Marsh	Placerville	Best display and quality of nectarines	$2 50
I. S. Bamber	Placerville	Second best display and quality of nectarines	$1 50
CLASS II.			
I. S. Bamber	Placerville	Best ten pounds dried apples	$2 00
E. P. Bunker	Placerville	Second best ten lbs. dried apples	$1 50
E. P. Bunker	Placerville	Best ten pounds dried pears	$2 00
P. J. Isbell	Placerville	Second best ten lbs. dried pears	$1 50
I. S. Bamber	Placerville	Best ten pounds dried peaches	$2 00
E. P. Bunker	Placerville	Sec. best ten lbs. dried peaches	$1 50
E. P. Bunker	Placerville	Best ten pounds dried plums	$2 00
P. J. Isbell	Placerville	Sec. best ten lbs. dried plums	$1 50
P. J. Isbell	Placerville	Best ten pounds dried apricots	$2 00
I. S. Bamber	Placerville	Best ten lbs. dried nectarines	$2 00
P. J. Isbell	Placerville	Sec. best ten lbs. dried nect'rines	$1 50
E. P. Bunker	Placerville	Best ten pounds dried figs	$2 00
I. S. Bamber	Placerville	Best ten pounds dried prunes	$2 00
P. J. Isbell	Placerville	Best ten pounds dried berries	$2 00
I. S. Bamber	Placerville	Sec. best ten lbs. dried berries	$1 50
P. J. Isbell	Placerville	Best and largest display sun-dried fruit	$5 00
Thos. O. Hardie	Placerville	Best and largest display raisins	Dip. and $5 00
CLASS III.			
J. C. Marsh	Placerville	Best exhibit black walnuts	$1 50
Wm. Hendrix	Placerville	Best exhibit chestnuts	$2 50
Kramp Bros.	Diamond Sp's	Best exhibit soft-shell almonds	$2 50
CLASS IV.			
Leonard Reeg	Placerville	Best ten lbs. honey, in comb	$1 50
Mrs. E. H. Evans	Placerville	Best exhibit hermetically seal'd fruits, in glass	Dip. and $5 00
Mrs. E. H. Evans	Placerville	Best display assorted jellies	$2 50
CLASS V.			
Kramp Bros.	Diamond Sp's	Best grape brandy	$5 00
Kramp Bros.	Diamond Sp's	Best port wine	$3 00
S. R. Tripp	Placerville	Best blackberry wine	$3 00
Kramp Bros.	Diamond Sp's	Best grape wine	Dip. and $5 00
S. R. Tripp	Placerville	Best currant wine	Special mention.
Schwab & Haiz	Greenwood	Lager beer	Dip. & spc'l men.
Henry Altpeter	Placerville	Lager beer	Dip. & spc'l men.

SEVENTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS 1.			
Mrs. John I. Reed	Placerville	Best oil painting	$5 00
Miss Lillian Morey	Placerville	Best water color painting	$2 50
Miss Lillian Morey	Placerville	Best landscape in crayon	$2 50
Miss Lillian Morey	Placerville	Best flowers in crayon	Special mention.
E. W. Baker	Placerville	Best exhibit of photographs	Diploma.

NOTE.—The work of Miss Lizzie Tindall, though not entered for premiums, is deserving of special mention, and in point of merit yields to none on exhibition.

MISCELLANEOUS DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
E. M. Smith	Coloma	Cabinet of minr'ls, coins, stuffed animals, curios, etc.	Dip. & spc'l men.
Mrs. S. J. Altar	Placerville	Pumpkin vine (freak of nature)	Dip. & spc'l men.
S. J. Alden	Placerville	Dis. of toilet and fancy articles	Diploma.
City Drug Store	Placerville	Dis. of toilet and fancy articles	Diploma.
Dr. W. W. Stone	Placerville	Specimens of dental work	Diploma.
Geo. H. Ingham	Placerville	Hammocks	Hon. men. & dip.

SPEED PROGRAMME.

TUESDAY, AUGUST 26, 1884.

RACE NO. 1—RUNNING.

Free for all. Half mile and repeat. Purse, two hundred and fifty dollars. One hundred and seventy-five dollars to first horse; seventy-five dollars to second.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Dandy Roan, unknown	Lawrence Fray	Placerville.
A A P, by Jordan	G. L. Richardson	Grass Valley.
Mollie B, by Langford	C. D. Boyden	Lincoln.

Position at Close.

A A P	3	1	1
Mollie B	1	2	2
Dandy Roan	2	dis.	

Time—0:52; 0:55; 0:58.

RACE NO. 2—TROTTING.

3:00 Class. Free for all district horses. Purse, one hundred and fifty dollars. One hundred dollars to first horse; fifty dollars to second.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Flora, unknown	Geo. S. Wilson	Placerville.
Douglas, unknown	C. D. Boyden	Lincoln.
Nemi O, by Ethan Allen, Jr.	J. C. Brewster	Latrobe.

Position at Close.

Flora	1	1	1
Nemi O	2	2	2
Douglas	3	dis.	

Time—3:24; 3:13; 3:00.

WEDNESDAY, AUGUST 27, 1884.

Special Trotting Race.

Free for all. Purse, one hundred dollars. Seventy-five dollars to first horse; twenty-five dollars to second. No entrance fee.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Bally, unknown	A. D. West	Grass Valley.
Bay Billy, unknown	Stanley Eddy	Nevada City.
Flora	Geo. S. Wilson	Placerville.
Alexander II, by Alexander I	Joseph Purrington	Brighton.

Position at Close.

Balley	4	1	1	d. h.	1
Bay Billy	2	3	2	3	dis.
Alexander II	1	4	4	4	dis.
Flora	3	2	3	d. h.	2

Time—2:59; 2:51¼; 2:55½; 2:54; 2:53.

Race No. 3—Novelty Running.

One mile dash. Free for all. Purse, two hundred dollars. Fifty dollars to first horse at the quarter; fifty dollars to first horse at the half; fifty dollars to first horse at the three quarter, and fifty dollars to first horse at the mile post.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Jennie B, unknown	Hi. Barton	Latrobe.
Emma, by Kirby Smith	M. Heiffren	Ione.
Billy the Kid, by Leinster Eb	G. L. Richardson	Grass Valley.
Quebee, by Norfolk	Harry Stover	Grass Valley.

Position at Close.

Emma	Wins at first quarter post.
Emma	Wins at half mile post.
Quebec	Wins at three quarter mile post.
Billy the Kid	Wins at one mile post.

Time—0:24¼; 0:50; 1:15½; 1:49.

Race No. — —Special Pacing.

Mile heats, best two in three. Purse, one hundred and fifty dollars. Ninety dollars to first horse, forty-five dollars to second horse, and fifteen dollars to third horse. Free for all horses owned in the district prior to July 1, 1884.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Rose, unknown	Stanley Eddy	Nevada City.
Mystery, unknown	A. D. West	Grass Valley.
Roscoe, unknown	J. N. Templeton	Sutter Creek.

Position at Starting.	*Position at Close.*		
1. Mystery	Rose	1	1
2. Rose	Mystery	2	2

Time—3:01; 3.00½.

THURSDAY, AUGUST 28, 1884.

RACE NO. 4—RUNNING.

Half-mile dash for three-year old district horses. Purse, one hundred dollars. Sixty dollars to first horse and forty dollars to second horse.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Lone Star, by Young Diamond	J. C. Heald	Nashville.
Scamperdown, by Leinster	Thomp. Davis	Plymouth.
Bingo, by Langford	Harry Stover	Grass Valley.
Mollie B, by Langford	C. D. Boyden	Lincoln.

Position at Close.

Scamperdown	1
Bingo	2
Mollie B	3
Lone Star	4

Time—0:53.

RACE NO. — —SPECIAL RUNNING.

Free for all. Three-quarter mile and repeat. Purse, one hundred and fifty dollars. One hundred dollars to first horse and fifty dollars to second horse.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Billy the Kid, by Leinster	G. L. Richardson	Grass Valley.
Quebec, by Langford	Harry Stover	Grass Valley.
Mollie B, by Langford	C. D. Boyden	Lincoln.

Position at Starting.	*Position at Close.*	
1. Mollie B	Billy the Kid	1 1
2. Billy the Kid	Quebec	2 2
3. Quebec	Mollie B	dis

Time—1:20; 1:19.

RACE NO. 5—RUNNING.

Half mile dash. Free for all district saddle horses which have never won money under rule. Purse, sixty dollars. Thirty dollars to first horse, twenty dollars to second horse, and ten dollars to third horse.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Billy, unknown	James Askew	El Dorado.
C C, unknown	Charles Devore	Plymouth.
Nipcat, unknown	Smith Bros.	El Dorado.
Butcher Boy, unknown	Albert Fray	Placerville.

Position at Close.

Billy	1
Butcher Boy	2
Nipcat	3
C C	4

Time—0:57¾.

FRIDAY, AUGUST 29, 1884.

RACE NO. 6—DONKEY.

Half mile dash. Entrance, two dollars and fifty cents. Twenty-five dollars added. Change riders and go as you please. Last donkey out wins the race.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Fred Douglas	M. Ingham	Placerville.
Horace Greeley	James Anderson	
Ben Butler	George Pearson	
Dick	Robert O'Niel	

Position at Close.

Dick	1
Fred Douglas	2
Horace Greeley	3
Ben Butler (winner)	4

Time—Not taken, as all the watches run down.

RACE NO. 7—TROTTING.

Free for all stallions that made this season in the district. Entrance, twenty-five dollars. One hundred dollars added. Second horse to save entrance.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
J. B. Larue, by Green Bashaw	W. R. Tong	Placerville.
Alexander II, by Alexander I	J. Purrington	Brighton.
Doncaster, by St. Elmo	J. Dennen	Grass Valley.
Tom, unknown	Hi. Barton	Latrobe.

Position at Close.

Doncaster	1	1	1
Alexander II	2	2	2
Tom	dis.		
J. B. Larue	drawn.		

Time—2:58; 2:51; 2:59¼.

RACE NO. 8—RUNNING.

Half mile and repeat. Free for all district horses. Purse, two hundred dollars. One hundred and twenty-five dollars to first and seventy-five dollars to second horse. Betsey McGuire and Felix F barred.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Barney, by Norfolk	Gideon Devore	Plymouth.
Scamperdown, by Leinster	Thompson Davis	Plymouth.
Emma, by Kirby Smith	M. Heffren	Ione.
Jennie B, unknown	Hi. Barton	Latrobe.

Position at Close.

Emma	1	1
Scamperdown	3	2
Barney	2	3
Jennie B	drawn.	

Time—0:51¼; 0:51.

TRANSACTIONS

OF THE

EIGHTH DISTRICT AGRICULTURAL ASSOCIATION

(El Dorado,)

For the Year 1884,

Composed of the Counties of El Dorado, Mono, Amador, Nevada, Placer, and Alpine.

OFFICERS OF THE ASSOCIATION.

G. G. BLANCHARD ..... President.
J. J. CRAWFORD ..... Secretary.
GEORGE FLETCHER ..... Assistant Secretary.
JOHN BLAIR ..... Treasurer.
H. SILVESTER ..... Assistant Treasurer.

DIRECTORS.

GEORGE G. BLANCHARD ..... Placerville, El Dorado County.
THOMAS FRASER ..... Placerville, El Dorado County.
P. J. ISBELL ..... Placerville, El Dorado County.
L. G. NORRIS ..... Plymouth, Amador County.
JAMES ASKEW ..... El Dorado, El Dorado County.
DANA W. PERKINS ..... Rocklin, Placer County.
A. B. DIBBLE ..... Grass Valley, Nevada County.
O. P. STIDGER ..... North San Juan, Nevada County.

REPORT.

GRASS VALLEY, December 31, 1884.

To the honorable the State Board of Agriculture:

GENTLEMEN: The Directors of the El Dorado District Agricultural Association submit this, their report of the transactions of said association at Grass Valley, for the year ending this date.

GEORGE FLETCHER, Assistant Secretary.

RECEIPTS AND EXPENDITURES.

Receipts.

Subscriptions from citizens		$1,361 00
Season tickets sold at office—135 at $3	$405 00	
Season tickets sold at Park—23 at $3	69 00	
Exhibitor's tickets sold at office—118 at $3	354 00	
Total for season by exhibitors tickets		828 00
Single admission tickets at Park—2,349 at 50 cents	$1,174 50	
Half admission tickets at Park—391 at 25 cents	97 70	
Total single admissions to Park		1,272 20
Admission to Grand Stand—300 at 25 cents		75 00
Single admission tickets to Pavilion—2,094 at 25 cents	$523 50	
Half admission tickets to Pavilion—477 at 15 cents	71 55	
Total to Pavilion		595 05
Privileges sold—		
Bar privilege	$605 00	
Restaurant	40 00	
Ice cream, fruits, etc. (three stands) Park	47 50	
Shooting gallery	20 00	
Ice cream, etc., Pavilion	25 00	
Percentage on pools, three per cent on $6,785	203 56	
Club room, "Babies on the Block"	195 00	
Total for privileges		1,136 06
Entrance fees to races		265 00
Advertising in premium lists		16 50
Quarter stretch badges		2 50
Donation from J. McDonald		20 00
Premiums donated		7 00
For old lumber at Pavilion		18 75
Old account donated		13 00
Proportion of State appropriation		654 50
Rent of Watt Park Thanksgiving Day and November twenty-ninth		75 00
Total receipts		$6,339 56

Expenditures.

At Watt Park—		
Superintendence	$25 00	
Ticket sellers and doorkeepers	129 00	
Watchman and police	104 50	
Repairs and maintenance of track and buildings	418 88	
Feed and bedding for exhibits of stock	163 76	
Rent (Alderman)	4 00	
Insurance	58 63	
Ice	20 40	
Water	32 00	
		$956 17
At Pavilion—		
Superintendence	$50 00	
Rent of Empire Hall	100 00	
Ticket sellers and doorkeepers	73 75	
Watchman, etc.	41 50	
Preparation and repairs of Pavilion	247 46	
Gas	46 42	
Ice	3 85	
		562 98
General expenses—		
Assistant Secretary and clerks	$169 00	
Stationery, advertising, and printing	558 30	
Postage, telegraph, and expressage	28 55	
Traveling expenses of Directors—J. J. Crawford, Secretary, and E. W. Maslin	225 00	
Local traveling expenses of Directors, Executive Committee, and officers	60 25	
Band	175 00	
Incidentals	29 45	
Premiums awarded Fair 1883	73 75	
Watt & Co., last Fair bill paid	13 00	
Purses for races	2,119 00	
Morning entertainments	161 50	
Premiums on stock	286 00	
Premiums at Pavilion	368 50	
Discount on proportion of State draft	19 63	
Appropriated to pay pro rata dividend of 8.30 per cent on indebtedness of last Fair	482 92	
		4,769 85
Balance cash on hand		50 56
		$6,339 56

ADDRESS.

DELIVERED BY E. W. MASLIN, ESQ., OF SACRAMENTO, AT THE FOURTEENTH ANNUAL FAIR OF THE EL DORADO DISTRICT AGRICULTURAL ASSOCIATION, NO. 8, AT GRASS VALLEY, SEPTEMBER 5, 1884.

THE SIERRA FOOTHILLS — SOIL AND CLIMATE AND ADAPTATION TO FRUIT AND GRAPE CULTURE.

Mr. President, Ladies and Gentlemen: An agricultural address is a very pleasing production. It is rarely listened to and more rarely read. A few lines from Virgil, some happy quotations, the usual assertion, notwithstanding that Cain was a farmer, that "agriculture is the base of civilization," a little advice to farmers, some poetry at the close, and the thing is done. When I received the invitation to address you, I began to collect my quotations and poetry, but a gentle hint from one of your Directors, who is a practical farmer, that such an address would not be tolerated, constrained me to take the path indicated by him, and if I am tedious, I intend to lay the blame upon him, for I fear that, before I close, you will find I have only told you what you already know.

I therefore beg your indulgence for the few facts which I shall lay before you, premising that they were hastily gathered amid the engrossing cares of my official duties, which at this time are especially onerous.

I think myself happy to appear before you to-day, among so many of the friends of my boyhood. I shall be much more happy if I can say anything which shall encourage you to renewed efforts to place this district, and especially this county, in the van of material progress.

More than thirty-three years ago I set foot here, a beardless boy. All was then excitement and life. I have lived to see three of the then, and for more than a decade, most populous and wealthy counties of the State—El Dorado, Placer, and Nevada—decline until they now occupy in the same relation only the twentieth in a scale of fifty-two.

A more beautiful scene never greeted my eye than that which I witnessed on the morning after my arrival. A lovely valley, covered with a luxurious growth of native grasses, stretched away to the east, the hills were crowned with majestic pines, a creek ran pellucid by the town, the air was balmy and bracing, and the rich soil, the abundance of water, the vegetation so luxuriant, the incomparable climate, and all conditions invited to the natural use of the fertile soil with which the Creator has blessed this county. How changed the aspect in a few years! The hills were denuded of their trees, the valley was ravished of its beauty, the stream ran turbid, the very winds, once warm, were cold in their embrace.

But we came for gold, and gold we must have, and no place was

too beautiful, no soil was too rich, to save it from the miner's pick. I did my share of the work of spoliation, and shall take my share of the shame. For thirty-five years the inhabitants of Nevada, El Dorado, and Placer have pursued principally the vocation of mining. They have extracted millions upon millions of gold. Where is your glittering prize? I will tell you: the farmers have got it. You have toiled and sown, but they have reaped.

Suppose that thirty years ago one had been asked, what will be the future of the counties named. Here, would say the questioner, are thousands upon thousands of brawny men, of cultivated intellects, of the best blood of the land, firm of purpose, fertile in resources, able and willing to dare and do, and eager for wealth. Here are millions upon millions of gold only awaiting the sesame of labor to be the slave of man. He who thus would be questioned, if unacquainted with the fate of mining countries, would have replied: "Gold you will get, the world wants gold, and you can buy the world with gold. Property must increase in value, your counties will be densely populated, your gold will go to the uttermost parts of the world, and the riches of Indies will be yours, wealth will induce culture and culture foster intellect, the mining counties will rule the State, and the toilers of the valleys will be the slaves of the lamp to supply your every desire." Who would at that date have questioned the truth of the prophecy? Has it been fulfilled? Alas! no. You have been like "the nightingale that leans its breast against a thorn and sings in pain." You have sung your golden notes to enchant the world, and little else remains to you but memory. But I will no longer permit memory "to blend with the twilight charm and bear us back to other days."

I wish to show you a better way. I am not here to pronounce a panegyric upon agriculture; that has been done by many a more able and eloquent tongue than is mine. I am here rather to awaken you to a keener perception of the wide and inexhaustible resources of this district, and to point out to you how you can regain your vantage ground. I hope you will pardon the last expression. The man who lives on Shasta cannot see the mountain. Only the dweller in the valley sees that grim peak in all its grandeur of dimensions. And so having lived among you and now dwelling in the valley, I do not think it ill becomes me to return and tell you of the beauties and possibilities of your mountain slopes.

I firmly believe that the tide has now come to you at its flood, which, if taken, will lead you to a fortune, and that the first generation of pioneers shall not pass away until it shall see this district among the first and wealthiest portions of the State.

To those of you who still cling to the belief that mining is the first industry of the State, I would invite you to a comparison between the counties of this district and certain other counties devoted mainly to agriculture. I know of no more acceptable mode to show you the true path to wealth and of progress. I hope no one will be offended at the comparison.

I select these counties because they are not strictly horticultural counties, and because they occupy the lowest scale in intelligent, wealth-producing, energizing agriculture, to wit: that of grain growing.

The assessment of property began to approach a uniform and equal standard of valuation after the passage of the Political Code, and I

therefore take the year 1872 as a year of comparison with 1882, a period of ten years.

The following is a table showing the assessed valuation in 1872 and 1882 of the Counties of Nevada, Placer, El Dorado, Butte, Colusa, Stanislaus, and Yolo:

	1872.	1882.
Placer	$8,146,336	$4,912,374
Nevada	8,041,468	6,737,549
El Dorado	2,431,757	2,806,250
Butte	7,871,374	11,617,835
Colusa	8,545,927	16,982,318
Stanislaus	7,105,963	10,141,149
Yolo	8,721,402	12,490,697

We perceive that in ten years Placer decreased in valuation 40 per cent, Nevada decreased 16 per cent, and El Dorado increased 11 per cent, while Butte increased 47.6 per cent, Colusa 98.7 per cent, Stanislaus 42.7 per cent, and Yolo 43.2 per cent.

Take another view: What has been the man-power during ten years in the above named counties? In other words, what has been the average production of wealth, retained in the county and not exported, per man of the male population over twenty-one years of age?

I take the census returns of 1870 and 1880, as I cannot obtain the figures for 1872 and 1882, but for our purpose the first named years are sufficient.

The male population over twenty-one years was as follows:

	1870.	1880.
Placer	6,122	6,700
Nevada	9,338	9,043
El Dorado	5,163	5,136
Butte	5,828	9,053
Colusa	2,657	5,634
Stanislaus	2,773	3,716
Yolo	4,049	4,324

The wealth created per capita, and retained in the county, is in Placer and Nevada nothing. In El Dorado $72 72, in Butte $503 52, in Colusa $2,035 07, Stanislaus $934 05, and in Yolo $900 35.

Ladies and gentlemen: There is a little gleam of light in this wofully dark array of figures, of which we may well be proud.

Of the number of children in 1880 between the ages of five and eighteen, El Dorado had 2,390, Colusa 2,953, Placer 3,087, Yolo 3,078, Butte 4,000, and old Nevada 5,192. We rest our laurels on child production.

While the agricultural counties were thus increasing in store, what were we doing? Sending out a stream of gold such as history furnishes no parallel. From 1848 to 1881, California produced $1,115,000,000 of gold, of which $18,301,828 was produced, according to the late census, in the year 1880. Am I far wrong when I estimate that El Dorado, Nevada, and Placer produced one third of the latter sum?

Eighteen millions of wheat! what does it not represent? Railroads, steamers, warehouses, busy marts, cities, homes, factories, churches, school houses, and all the refinements of civilization. Eighteen millions of gold leaves little to those who by toil produced it. It has always been thus, and always will be so. The money has moved the crops, built the railroads, cultivated the fields, enriched the farmer, in lands to which it was alien by birth, but how little has its potentiality benefited you.

The auspicious time has come to you, when all conditions favor a change in your vocation, when you can arrest the flow of the golden stream, and with it fertilize these waiting hills, and crown them with choicest fruits of the earth.

These figures are more eloquent than figures of speech to depict the relative advantage of agriculture over mining, and now, having, I hope, aroused your interest in the subject of agriculture, I wish to devote some time to an enumeration of advantages your section offers for the cultivation of fruit. The question of transportation has determined that your efforts must tend to the cultivation of fruit rather than grain.

THE CLIMATE

Is the first consideration. In the coast range there are a thousand climates, dependent upon the course of the cool winds which blow from the ocean, and the shelter which projecting points or a rising hill affords. Each section, therefore, has some fruit in which it excels. In the great valleys, oppressive heats occur in midsummer, to be followed by too cool nights, while in those sections to the south near the base of the Sierra, frost is apt to occur late in the Spring and materially decrease the crop.

In the foothills of the Sierra, at an elevation of from three hundred to three thousand feet, the climate is about the same at corresponding elevations, being genial in Summer and favorable to outdoor work, while the nights are not too cool, and are sufficiently warm to encourage the continuous growth of vegetation. To those who have never experienced the superlative charm of our foothill climate, a statement of the temperature both of Winter and Summer may be interesting.

I have no data in relation to El Dorado and Nevada Counties, but as Auburn has an elevation of one thousand three hundred and sixty feet, Colfax two thousand four hundred and twenty-two feet, Grass Valley about two thousand two hundred feet, Placerville about two thousand six hundred feet, and Rocklin, which represents the base of the foothills, two hundred and fifty feet, I have taken Auburn and Colfax as representing the temperatures of Grass Valley and Placerville, and Rocklin as corresponding to the temperature of other places of the same elevation.

The yearly mean of the maximum temperature of Auburn is 83.17, Colfax, 85.42, and Rocklin, 84.83.

The yearly mean of the minimum temperature of Auburn is 39.33; Colfax, 41.50, and Rocklin, 42.17.

The climate which these figures indicate the foothills to possess, establish beyond a doubt that there is ample heat in Summer to bring to maturity even tropical fruits, and cool enough in Winter to secure the rest which vegetation needs without endangering its existence.

You have a still further advantage in being generally exempt from

Spring frosts which do so much damage to the vineyards and orchards in the valley and coast portions of the State. April and May are the months most to be feared.

In the foothills the lengthened Winter retards the growth of the bud, and when the frost comes, if it does come in April and May, the buds are not advanced enough to be hurt thereby.

The minimum temperature in April and May respectively at Auburn is 32 and 41; at Colfax, 33 and 40; at Rocklin, 46 and 50. These temperatures indicate an almost entire exemption from destructive frost. Not that the dew point is lower than 32, but that the vegetation is not advanced enough for the slight frost to do it any damage. Even the famed Napa Valley has a minimum temperature in April and May of 34 and 45, but the vegetation in that beautiful valley is at least, each year, a month in advance of that at Auburn and Colfax, and hence more liable to the ravages of frost.

Finally the mean temperatures of April and May are at Auburn respectively 50.55 and 59.01; at Colfax, 49.34 and 56.61; and at Rocklin, 59.24 and 66.88.

But you need not fear frost. Mr. Haraszthy, a most competent observer and viticulturist, testifying before a committee on "Grape Culture," in 1880, said as follows:

"We have no severe frosts in this country. If a frost comes it diminishes our crop only in part—five or ten or twenty per cent according to circumstances. In France they will have one frost after another until the entire crop is destroyed. This is one of the many advantages possessed here."

Mr. Mathews, a member of the committee, asked: "This land you speak of lies mostly in the foothills, does it not?"

Mr. H.—"Yes, sir."

Mr. Mathews.—"Is it not a fact that they have earlier and heavier frosts in the foothills?"

Mr. Haraszthy.—"No, sir; it is just the reverse. There are lands on the sides of our mountains where goats would starve that will produce the best wines."

The above figures present to the acute observer and searcher for propitious land for fruit culture, more than can eloquent description or rhetorical display, our incomparable climate. To the eastern or western man, accustomed to the icy rigors of long Winters and the melting heats of Summer when the "grasshopper is a burden," our climate is a revelation and a foretaste of an earthly paradise.

Here there is no malaria to deaden one's energies, no fevers to prostrate, and no consumption; here, if anywhere, life should be lengthened to the scriptural span.

THE RAINFALL

Is ample for the cultivation of all fruits except possibly berries. At Sacramento the average fall is about twenty inches, at Rocklin twenty-three, at Auburn thirty, and at Colfax forty inches.

This brings me to the subject of irrigation. It is a bugbear. Somehow the impression prevails in the valley that irrigation is necessary. Nearly every one to whom I have spoken about the foothills, replies: "But you have to irrigate." And this in face of the most incontestable testimony of the scores of vineyards in our district which never had a drop of water save that which fell from the heavens. The

doubters are not confined to the valleys. Those who started vineyards and orchards in the foothills by irrigation still adhere to the practice; it would be death to let go and so they keep on irrigating.

Irrigation, I repeat, is not necessary, but cultivation is. The use of cultivation is to put, as it were, a blanket of non-conducting fine soil on the top to prevent evaporation of the water which the soil has absorbed in the Winter season. By plowing in the Winter, where the land does not wash, you get all the rain which falls, and by cultivating in the Summer you keep it in for the thirsty vine and tree roots to drink as their necessity demands.

To the doubter I wish to relate my experience. Perhaps there is no drier-looking portion of this district than that about Loomis, in Placer County. The soil is granitic, about four feet deep; underlaid with rotten granite; the elevation four hundred feet above the sea. I plowed and subsoiled my land in the Winter of 1881 and 1882, and in April, 1882, which was a dry season, the grape roots (*Vitis Californica*) were planted. The stocks were not over one eighth of an inch in diameter. They have never been irrigated. When I grafted them in April of this year the stocks were from one inch to two and one half inches in diameter. The canes of the grafted scions have made a growth of three to six feet, and, had I not cut off the blossoms, would have borne a handsome crop. Mr. Morrison, Mr. Williams, and Mr. Ryder each set out this Spring an orchard, at Loomis, of prunes, pears, apricots, figs, walnut trees, and peaches. The doubters went by wagging their heads and saying, "Wait till the clouds pass by."

The clouds did pass by, and at this present moment the trees are living and clothed in the bright green of health, all without one drop of water of irrigation. Mr. Costa and Mr. Himes have each a vineyard near by which bears abundantly without the aid of irrigation. Mr. Filcher, of the *Herald*, has also been successful in growing corn and melons without irrigation, and Mr. Whitcomb, at Colfax, who produced the largest clusters of grapes ever exhibited in this State, cultivates his vineyard without the aid of water.

I have introduced my neighbors' names and my own into this statement, because I wished to state simply what I knew, and I have dwelt with some prolixity upon the question of irrigation, because it is the one question of this district which shall determine our future as a fruit-growing section. It should be determined once for all that trees and vines will grow in the foothills, and that they will bear abundantly enough to satisfy any but the most greedy. Let not the new comer be afraid; let him plant with faith. Heaven's bounty is enough for him if he but cultivate his land.

SOIL.

Much of the exquisite flavor which characterizes the fruit of the foothills is due to the nature of the soil. It is deficient in the elements which produce an excess of wood, but abounds in mineral substances which enter into the composition of fine fruits.

My remembrance is that about Placerville the soil rests on slate, tilted and seamed, into which the vine and the roots find ample moisture and food. As you go north and west you enter the granite belt, in which is located Coloma, famous now and for years past for the peaches grown there, which, for size, juiciness, and flavor are not

excelled, if equaled, in the State. The soils of Green and Garden Valleys have no superior in the State in adaptability to fruit culture.

In Placer County there is a section of granite soil which begins below Rocklin and extends north to Auburn, and in width extends from a mile west of Rocklin eastward to the American River, and contains about four townships of land, say at least 70,000 acres of land.

In this section lie the Towns of Rocklin, Pino or Loomis, Penryn, and Newcastle, all developing into extensive fruit cultures.

Further to the north, beginning at Auburn, is the slate belt, extending to Colfax and to Bear River, the dividing line between Placer and Nevada Counties. The sections named are divided in Placer County by a ridge composed of bowlders, from the farming lands proper of Placer County, which contain the wealthiest portion of the population of Placer.

After crossing Bear River you enter into Nevada County. The soil from there on to Grass Valley is volcanic, and the substratum, trap, slate, and syenite. In the southern part of the county, lying between Bear River and Wolf Creek, is a section of land which, in my judgment, is not excelled in the State for the production of wine grapes. The soil is red, slaty, and mixed with quartz pebbles, and easily tilled. The climate is even and mild; no snow falls there, and it is peculiarly exempt from frost. What I have seen of the grapes raised there without irrigation strengthens my judgment that the future is full of promise for that section as a wine-producing country. Lack of transportation facilities is the only impediment to its growth, but the railroad will go there if the people have faith and plant their vineyards and orchards.

Much has been said about the red soil as being the best for grape culture. This may mislead many. It is true that red soil is preferable to any other, but only because of the presence of oxide of iron, which is an essential element in the production of a deep and permanent red color in wine. In all the foothills there is sufficient iron for the maturity of fruit, and white wine can be made from grapes grown on any colored soil. The only question in the production of a good and transportable wine is the right kind of grape on the right soil.

And this brings me to the question which is uppermost in the mind of every man engaged in tilling the soil of the foothills: What shall I plant? The time allotted me is not sufficient to state fully all the reasons which induce me to believe that eventually the grape must be the principal product of the foothills, and of the grape such as are commended for wine.

Transportation and nearness to railroads must always determine the character of the productions of a country.

Wine will bear a longer distance of carriage to a railroad than any other product of the farm, and is better able to bear the cost of transportation to distant markets by rail or sail. The three counties of this district are especially favored by railroad facilities. The Central Pacific Railroad runs through the whole length of Placer County, and at a distance of three miles apart are stations and ample side tracks for the convenience of shippers. Nevada County is connected with this road by a narrow gauge road; and if the southern part of the county should be devoted to viticulture, a railroad from Auburn or Clipper Gap would no doubt be extended to Grass Valley; and even

if a railroad should not be built, the distance by wagon to a shipping point is not more than ten or twelve miles. El Dorado has a railroad from Shingle Springs to Sacramento, and as soon as sufficient encouragement is offered doubtless the road will be extended to Placerville.

No portion of the State is better supplied with the means of transportation than these three counties.

Again, our soil is especially adapted to the culture of the grape. It will bear comparison with the most noted of the soils of France. While it may be very tedious to listen to the tables of comparison, I am persuaded that they will be of interest to you when you come to study the capacity of your soil, and determine the variety of grape to which the soil will be most kindly.

Mr. Haraszthy, in his work on grape culture, gives the following as the analysis of the soil upon which is grown the claret of Margeaux:

Oxide of iron	3.341
Alumina	1.590
Magnesia	.263
Soluble silicates	.380
Phosphoric acid	.147
Potash	1.241
Carbonate of lime	.891
Organic matter	6.670
Insoluble residue	85.427
	100.000

The vine grown on the estate known as the Chateau Lafitte, in the Bordeaux District of France, is conceded to be the best claret of the world. The constituents of the soil of the estate are as follows:

Silicous pebbles	62.900
Fine sand	28.300
Fine silex	6.220
Humus	1.280
Alumina	.750
Lime	4.000
Iron	8.600
	112.050

The Burgundy soil has 12.72 per cent of oxide of iron and 12.95 of carbonate of lime.

Prof. E. W. Hilgard, of the University of California, in his report for 1882 to the Regents of the University—a work which should be read by every tiller of the soil—reports two analyses of the soils of Placer County. One from about Auburn and one from Pino or Loomis. The first I should judge was upon slate, the second is upon red rotten granite.

The analyses are as follows:

	Auburn.	Pino.
Insoluble matter Soluble silica	69.52	78.942 6.283
Potash	.38	.653
Soda	.07	.298
Lime	.96	.750
Magnesia	1.09	1.280
Peroxide manganese	.39	.087
Peroxide of iron	12.42	2.301
Alumina	10.97	6.816
Phosphoric acid	.16	.031
Sulphuric acid	.01	.018
Water and organic matter	5.14	2.598
Totals	101.11	100.065
Humus	1.14	.514

Professor Hilgard says of the soil of Auburn, that "it is altogether the best of the foothill soils thus far examined (in 1882), having a large supply of phosphoric acid, with plenty of lime, a fair supply of potash, and a high percentage of humus.

"The analysis shows good reason for the high estimate in which this region is held for the production of fruits, grapes, etc."

The soil is a dark orange color, rather light in tillage and pulverulent when dry, forming a very fine reddish dust, of considerable repute.

Of the soil of Pino (now Loomis), taken from the hillside, he writes—

"It is a reddish gray sandy loam, the sand mostly coarse and consisting largely of granitic debris; it should till easily at all times."

"The analysis shows the soil to contain good percentages of mineral plant food except phosphoric acid, of which the supply is quite small. Compared with the red soil around Auburn, this soil contains only one fifth as much phosphoric acid, somewhat less lime, but nearly twice the amount of potash, a circumstance that with the comparatively small amount of humus, low retentiveness, but usually considerable depth, and a substratum of rotten granite, points to its adaptation to the production of grapes. The fig and olive would also do well on the hillside, while in the valleys where both phosphates and humus are doubtless more abundant, and the soil is more retentive, other fruits would thrive. Except as to inferior retentiveness and humus this soil is very similar in composition to that of Vaca Valley, on which cherries flourish."

I deem it proper at this point to note what the Professor says as to the defect of our soil. "It is important to note the frequent deficiency in phosphates that characterizes the soils of many regions in the State, and the importance of an adequate supply of phosphatic fertilizers to the continued prosperity of such districts. Wherever the growth languishes, the use of bone meal should be very effective."

You will perceive that Auburn soil excels the soils of France in phosphoric acid, iron, lime (except the Lafitte soil), and in alumina, the characteristic constituent of clay.

The defect of both the Auburn and Loomis soils can easily and cheaply be supplied when needed by lime, which is manufactured at your very doors, and by bonemeal.

I have my hobby like every other man, and it is to see these foothills devoted to the culture of grapes. We have been delighted in

the past with the eulogiums upon the foothills, but there has so far been but little system pursued in the planting of the proper kind of fruits.

The time has passed for haphazard planting. Given the right soil and the proper fruit adapted to soil and climate, and an independence must be the fortune of the possessor. As a fruiterer said to a friend of mine: "The man who will plant a good keeping apple in the foothills, on line of railroad, will have a bonanza." You must look beyond the market of the State. There are fifty million people who will eat our fruit, in the United States, if we can get it to them cheaply. They will buy our pears, apricots, plums, and grapes, because they cannot in open air or hothouse raise those fruits. We have a complete monopoly of these four fruits. At present the tariff on a carload of fruit from Sacramento to the East is from $500 to $900, and many persons are exclaiming that the fruit business will be overdone. My impression is that it has not begun.

I am told that the market now is about equal to the demand, and that forty per cent of the trees planted are not in bearing. In three or four years we shall have more fruit than the home market demands, and more than the dealers will buy. At that point is our opportunity. The railroad company will carry out its own doctrine, that the "service is what the traffic will bear." It will be a good doctrine for us then. The traffic will bear, probably $300 per carload, and that sum in a few years must be the tariff. The railroad companies are not going to see the fruit wanting a market, and must, out of self interest, come to our rescue.

The valley will probably excel us in the quantity of pears and plums raised per acre, but if they should excel us in the quantity of grapes and apricots, we are more than compensated by the superiority of our fruit.

Can the wine business be overdone? Not while you and I live, provided we make a cheap, and, as Mr. Wetmore says, a "potable and transportable wine." I am able, from the reports of the Assessors to the State Board of Equalization, to state the number of acres devoted to wine culture in the State. Of course these tables are somewhat faulty, and perhaps understate the truth, as, for instance, Placer is stated not to have produced any raisins, when there is a raisin vineyard of two hundred acres within a few miles of Rocklin.

There were planted at the close of 1883, of table grapes, fifteen thousand four hundred and forty-six acres; of wine grapes, sixty-five thousand seven hundred and two acres; of raisin grapes, five thousand nine hundred and seven acres, making a total of eighty-seven thousand and fifty-five acres. The estimate is exclusive of Los Angeles, whose Assessor failed to report. I suppose the true estimate is one hundred thousand acres. Estimating that in time there will be one hundred thousand acres devoted to wine, and the product, at the rate of five hundred gallons per acre, California's yield will be fifty million gallons. This seems immense, but compare this with France alone, which produces two thousand million gallons. Cheap good wine will make its own market, and the taste for it will increase as good morals increase, and people become refined and temperate.

You have along the line of the railroad an advantage over the present vine-growing counties. You are one day nearer the eastern markets. For green fruits this one day in value can hardly be over estimated. One acre in the foothills is worth two of the lower valleys

in the mere matter of facility of transportation. Again, look at the first cost of the land. Naked land in Napa and Sonoma, near a railroad, cannot be purchased for less than $100, and in some localities, such as St. Helena, at less than $300, while land in the foothills can be purchased at from $10 to $30 per acre.

Most of you know the average product of grapes per acre in the foothills, and most of us are accustomed to think that Los Angeles, Napa, Sonoma, and Santa Clara excel us. It will be a surprise to most of you to know that, according to the Assessor's report, the average production per acre of table grapes, the yield of which is larger than wine grapes, in Sonoma, is three tons; Napa, two tons; Sacramento, two and one half tons; and Santa Clara, four tons. I am sorry that I cannot give you the yield of Placer, as none of the Assessors reported it. El Dorado reported the yield at three tons. I would like to hear from some of our El Dorado and Placer viticulturists on this question.

I conclude that the soil, climate, nearness to market, railroad facilities, rainfall, pure water, timber, and the superiority of the fruit produced, all combine to make the foothills of the Sierra, and especially the hills of this district, the most desirable section of the State for a home, founded upon absolute security of a comfortable independence.

As to the kind of grapes to plant I am not prepared to say. I have diligently studied the question, with the light which the work of Mr. Wetmore and Professor Hilgard afforded me, but I fear to offer you my judgment. But this I can recommend. Do not be in too much hurry; plow and Summer fallow your land, and expose it one year to the fertilizing and ameliorating influence of the air, then plant resistant vines, such as the wild grapevines grown from seeds and Riparia seedlings.

You will then be safe from the fatal attacks of the phylloxera, for it has been proved by experiment in France, and in this State, that these vine roots are truly resistant. The insect may visit the district, and while its progress is slow it is sure. In the district below Auburn, in the sandy soil, the progress will be slow, because the soil is sandy, and in such soil the insect cannot travel, but in the more clayey and compact soil he is to be feared.

In two years from planting, graft in the grape desired. The cost of grafting need not exceed five or six dollars per acre.

The advantages of planting the resistant vines are obvious. First, the security obtained against the ravages of the insect, and, secondly, in the increased product of the vine, as the root system of the wild vine is more vigorous than that of the *Vitis vinifera*, and correspondingly the air growth will be healthier and more luxuriant. The *Vitis Californica*, or wild grapevine of this State, has a tendency to throw down a tap root, and thus find moisture below. Hence, it is perfectly safe to plant this vine on the driest hillside. In my judgment, in ten years from now the sale of a vineyard not grown upon resistant stock will be difficult to effect.

Mr. Haraszthy, the President of the Viticultural Commission, informed me that the future white wine of California would be grown somewhere within the snow line of the Sierra, and this is a hint for our Colfax friends.

The plan I would advise is, for those concerned to write to Mr. Wetmore to make an examination of your district, compensate him for his pains, and when the time comes he will, better than any one in the State, advise you. If you make a mistake all your labor is for

nothing, and perhaps a generation will pass before the error is rectified. For instance, I notice that some are planting the "Mission," simply out of pure ignorance that the conditions of the grape industry have changed in the last five years. Such persons are only obstacles to our progress. I can say this much, however, where the foothills are warm and the grape matures early, plant, for wine, the late maturing kinds, such as the Mataro, Grenache, and Carignan. You cannot make a mistake with these three kinds. If you wish to make a port, try the Trousseau, which the Viticultural Commission say is one of the true port wine grapes.

To you who live in these mountains, who are parents, the thought that accompanies you in your daily toil is: "What shall I do with my boys?" The time has gone by when he can seek in the miner's life, by independent action, his livelihood. Mines, following the example of most industries, are being concentrated in the hands of capitalists, and can only be worked by the large expenditure of capital. Surely the miner's daily life for wages is not an inviting one; neither is it favorable for intellectual or moral culture. The very conditions of the permanency of your homes is not secure. There is always an unspoken dread that the mines upon which the towns and surrounding country depend may at any time fail, and this unrest prevents progress. It drives men from your midst. Look at the list of men who by mining accumulated fortunes in these counties, who have departed to found homes in the cities and valleys of the State. What they sought was permanency, solidity, security. It is yours, then, while your children are growing up around you, to create new vocations and industries that shall entice them to stay within the hallowing influences of their natal homes. It is not alone the material progress of the country which you will thus advance, but you will be laying deep the foundations of good morals and true religion. The man whose mother's eye is upon him is not apt to go wrong, and the pride of a family name is a great conservator of virtue. A home is better than a policeman, and grandmothers are better than laws.

Now, the want in this State, and a want that will in ten years be more forcibly felt, is a corps of intelligent men scientifically trained in the culture of fruit. The man who simply knows how to plow must give way before the educated farmer. Fruit producing will soon be an art; the adept must be a student, and his vocation elevated to the dignity of a profession. He must be an entomologist, a chemist, a naturalist, a student of vegetable physiology—in fine, an observing scholar. Your boy, educated as he should be for the vocation of a horticulturist or viticulturist, will come back to you as a giant. He will no longer be a plodder, or find his highest ambition in being a clerk, or lawyer, or doctor. He will know that he has the forces of nature at his command, and command them he will. These hills will glow with the fervor of his energies. He will find in these foothills the richest field for his efforts. He will not be a tradesman. He will have smelt the clover's bloom, and, like the contending men with the gods, when wearied he must embrace the earth. He will build himself a home; here he will stay and set up his rest, his altar, and his fires. He will be with you to close your eyes at your latest day, and his children shall call him blessed.

Choose, therefore, that your sons be educated to till the soil. I do not mean, to learn the mere manual labor of a farm, but educated in a higher sense. Brain is manure nowadays. Learning is a fertilizer. Send such as you can spare to the University. If your public schools

do not afford at least the primary education to fit your sons for entry into the Agricultural Department of the University, see to it that the curriculum is enlarged. The University now offers almost every facility for the education of young men who intend to follow farming, and especially fruit growing.

It is doing a noble work. Its professors are analyzing soils, classifying lands into sections suitable for special fruits, advising all inquirers, experimenting at their gardens with plants and trees from all parts of the globe, distributing seed, and with marvelous zeal are stimulating a genuine love of rural pursuits.

In the past five years it has repaid to the State by the aid it has extended to farmers, orchardists, and vineyardists, more than its whole cost. I bespeak for the University your fostering care. This Winter your representatives will assemble at Sacramento in the Legislature. The University may need an appropriation to enable it to carry on its agricultural department. I know that Professor Hilgard is already hampered by want of means, and I hope your Senators and Assemblymen will stand ready to vote such an appropriation as is necessary to enable the University to enlarge its field of usefulness. It will be good seed sown on good ground and will yield to you an hundredfold.

My friends, long since I dreamed a dream, and still I dream. I am the son of a farmer, "proud of his field lore and harvest craft," and my dream was as is of a farmer's mountain home. For me now I doubt if it is to be, but my vision is of those who shall come after me and people these mountain slopes.

For the young men, for your sons, who are stirred by ambition's rage, the richest possibilities lie within their reach. Here are the mountains to enlarge their natures and quicken the imagination; here a pure atmosphere, the very inspiration of energy; here a soil responsive to solicitation, and which will return of ministering love a thousandfold.

They will have inherited from you your rugged virtues born of pioneer struggles, your courage and endurance, and learning and culture will add luster to their lives. They will be as Whittier says: "Men to match their mountains, not to creep dwarfed and abashed below them." The slopes will be gracious with festooning vines bearing purple grapes whose juice will make glad the heart of man.

But the bravery of California will be the homes, the hallowed homes, that shall be set as gems in the Sierra, the coronet upon her brow.

There will be no acres broad to separate and chill the impulse of hospitality, nor wide domains to nurse luxurious pride, but brother linked to brother man by common aims and equal lot, shall make religion of honest toil until Sierra shall blossom as a rose, and seed time, and harvest, and virtue, and faith, and love shall never fail.

The Golden Age must come. The eye that looks for it, the faith that endures for it, the heart that believes in it, are already at its threshold. Let each of us pray with Whittier:

> "O! Golden Age, whose light is of the dawn,
> And not of sunset, forward, not behind,
> Flood the new heavens and earth, and with thee bring
> All the old virtues, whatsoever things
> Are pure and honest and of good repute,
> But add thereto whatever bard has sung
> Or seer has told of when in trance or dream
> They saw the happy isles of propheey!"

PREMIUMS AWARDED—1884.

FIRST DEPARTMENT.

Live Stock.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
CLASS I—THOROUGHBREDS.				
Stallion, two years old	Webster Emory	Grass Valley		$7 50
Stallion, three years old	Towle Bros.	Dutch Flat	Jay Gould	Diploma.
Stallion, five years old	G. L. Richardson	Grass Valley	Nick of the Woods	$15 00
Mare, three years old	Webster Emory	Grass Valley		$15 00
Colt, under one year old	Webster Emory	Grass Valley		$2 50
CLASS II—GRADED HORSES.				
Colt, under one year old	Joseph Perrin	Grass Valley		$2 50
Mare, two years old	Joseph Perrin	Grass Valley	Black Pea	$7 50
Stallion, seven years old	John Dennen	Grass Valley	Doncaster	$10 00
Stallion, one year old	John Dennen	Grass Valley	Uncas	$5 00
Stallion, two years old	M. Thomasson	Grass Valley	Black Rab	$7 50
Stallion, eight years old	M. P. Peasley	Grass Valley	Hector	$10 00
Stallion, under one year old	M. P. Peasley	Grass Valley	Alec Dick	$2 50
Mare, five years old	M. Heffren	Ione City	Emma	$10 00
Mare colt, five months old	L. Horton	Rough and Ready	Fortune	$2 50
CLASS III—STALLIONS, GELDINGS, AND MARES OF ALL WORK.				
Mare, four years old	P. C. Joyce	Grass Valley	Maud	$5 00
Stallion, two years old	Thomas N. Payne	Grass Valley	St. Patrick	$3 00
CLASS IV—ROADSTERS—STALLIONS, GELDINGS, AND MARES.				
Gelding, two years old	C. D. Boyden	Lincoln	Dennis	$3 00
Gelding, four years old	J. C. Brewster	Placerville	Nemi O	$5 00
CLASS V—DRAFT HORSES.				
Mare, eleven years old	L. Horton	Rough and Ready	Mollie	$5 00

Mare colt	L. Horton	Rough and Ready	Minerva	$3 00
CLASS VI—CARRIAGE HORSES.				
Buggy horse	Samuel Fisher	Grass Valley		$3 00
Span of carriage horses	Joseph Perrin	Grass Valley		$5 00
SWEEPSTAKES.				
Frank and family	Joseph Perrin	Grass Valley	Frank	Diploma.
Stallion and family	John Dennen	Grass Valley	Doncaster	Diploma.
Mare	M. P. Peasley	Grass Valley	Lizzie Me	Diploma.
CLASS VII—JACKS.				
Jack	M. Wheeler	Grass Valley	H. W. Beecher	$7 50
THOROUGHBRED CATTLE—BULLS.				
Jersey, four years old	L. Dickenson	Grass Valley		$10 00
Ayrshire, nine years old	S. J. Alderman	Grass Valley		$10 00
Jersey, six years old	H. B. Nichols	Grass Valley	General Grant	Diploma.
Calf, Ayrshire	Robert Berryman	Grass Valley		$2 50
COWS.				
Durham, shorthorn	W. Emory	Grass Valley		$10 00
Alderney, three years old	Joseph Perrin	Grass Valley		$10 00
Ayrshire, four years old	Robert Berryman	Grass Valley		$10 00
Ayrshire, four years old	Frank Kearney	Grass Valley		Diploma.
Jersey, six years old	George Lord	Grass Valley	Topsy	$10 00
SWEEPSTAKES.				
Best herd of calves	L. Dickenson	Grass Valley		Diploma.
GRADED CATTLE.				
Cow, four years old	H. B. Nichols	Grass Valley	Bessie	$10 00
Cow, one year old	H. B. Nichols	Grass Valley	Rose	$5 00
Calf, bull, ten months old	H. B. Nichols	Grass Valley	Zamlock	$2 50
Bull, two years old	L. W. Pingree	Grass Valley	Ben	Diploma.
Cow, two years old	F. N. Wheeler	Grass Valley	Fannie	$7 50
Cow, two years old	J. H. Campbell	Grass Valley	Fannie	Diploma.
ANGORA GOATS.				
First exhibit, seven thoroughbred	J. R. Nickerson	Auburn		$7 50
Second exhibit, seven thoroughbred	J. R. Nickerson	Auburn		$5 00

FIRST DEPARTMENT—Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
GRADED GOATS.				
First exhibit, seven graded	J. R. Nickerson	Auburn		$5 00
Second exhibit, graded	J. R. Nickerson	Auburn		$3 00
HOGS.				
Boar, three years old	George D. Seville	Grass Valley		$5 00
Sow and six pigs	George D. Seville	Grass Valley		$3 00
Berkshire boar, three years old	L. W. Pingree	Grass Valley		$3 00
Sow and family, thirteen pigs	L. W. Pingree	Grass Valley		$3 00
Breeding sow, three years old	L. W. Pingree	Grass Valley		$5 00
POULTRY.				
Lot Golden and Silver Hamburgs, two cocks and four hens	W. Byrne	Grass Valley		$2 50
English Game, cock and two hens	W. Byrne	Grass Valley		$2 50
Langshans, cock and two hens	C. R. Hill	Grass Valley		$2 50
Display of chickens	C. R. Hill	Grass Valley		$5 00
Lot of Pekin ducks	S. J. Alderman	Grass Valley		Diploma.
Plymouth Rocks, cock and two hens	C. R. Hill	Grass Valley		$2 50
Brown Leghorns, cock and three hens	F. W. Spencer	Grass Valley		$2 50
Pekin ducks	Mrs. L. Horton	Rough and Ready		$2 50

SECOND DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS IV.			
Peter Johnston	Grass Valley	Cast plow	Diploma.
Peter Johnston	Grass Valley	Wheelbarrow	Diploma.
CLASS V.			
S. D. Avery	Grass Valley	Two one-horse buggies	$5 and diploma.
C. E. Miller	Grass Valley	Two-horse carriage	$5 and diploma.

THIRD DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS III.			
I. M. Campbell	Grass Valley	Blacksmith work	$2 50
Elam Biggs	Grass Valley	Tinsmith work	$2 50
Peter Johnston	Grass Valley	Cooking stoves	Diploma.
Thomas S. Paine	Grass Valley	Pruning shears	$2 50
S. Fisher	Grass Valley	Cooking stoves	Diploma.
Dan. Morgan	Grass Valley	Horseshoeing	Diploma.
Elam Biggs	Grass Valley	Milk cans	$1 00
CLASS IV.			
James E. Schofield	Grass Valley	Cabinet work	$2 50 and dip.
J. R. Cooley	Grass Valley	Pianos and organs, not manufactured in district	Diploma.
CLASS V.			
M. Yost	Grass Valley	Cooper work	$2 50
CLASS VI.			
J. M. Smith	Grass Valley	Barrel of lime	$2 50
J. W. Degolia	Grass Valley	Fire brick	$1 and diploma.
Elam Biggs	Grass Valley	Pottery	$5 00
Buchanan Bros.	Grass Valley	Brushes, dusters, etc.	Diploma.

FOURTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
Miss Nettie Crocker	Grass Valley	Silk embroidery	Diploma.
Mrs. S. Hare	Grass Valley	Silk embroidery	$2 50
Miss B. Nathan	Grass Valley	Silk embroidery	$1 50
Mrs. S. Bethell	Grass Valley	Cotton embroidery	$2 50
Miss Libbie Crocker	Grass Valley	Chenille work	$1 50
Mrs. Jane Sims	Grass Valley	Three worked handkerchiefs	$1 50
Miss B. Loutzenheiser	Grass Valley	Crochet shawl	$2 50
Mrs. Carr	Grass Valley	Silk quilt	$2 50
Mrs. M. Shoemaker	Grass Valley	Patchwork quilt	$2 50
Mrs. Perrin	Grass Valley	Table cover	$1 50
Mrs. Dora Walsh	Grass Valley	Table cover	Diploma.
Miss Mary Fredenbarr	Grass Valley	White shirt	$2 50
Miss Katie Cooley	Grass Valley	Hearth rug	$1 00

FOURTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Miss Katie Cooley	Grass Valley	Seven tidies	$1 50
Miss H. Nathan	Grass Valley	Tidy	$1 50
Miss M. A. Loutzenheiser	Grass Valley	Hand painted dressing gown	$2 50
Miss Belle Nathan	Grass Valley	Fancy articles	$5 00
Mrs. Perrin	Grass Valley	Feather work	$1 00
Miss K. Cooley	Grass Valley	Braided sham set	$1 00
Miss Amelia Frank	Grass Valley	Hair work	$1 00
Mrs. M. Bovey	Grass Valley	Netted lace curtains	$1 50
Miss Etta Crall	Grass Valley	Toilet set	$1 50
Mrs. J. Campbell	Grass Valley	Bedspread	$2 00
Mrs. George Sleep	Grass Valley	Afghan	$1 50
Mrs. M. P. Stone	Grass Valley	Crocheting	$1 50
Mrs. B. Gad	Grass Valley	Cotton crocheting	$1 50
Mrs. P. S. Murphy	Grass Valley	Knitted lace	$1 50
Mrs. S. Hare	Grass Valley	Pair woolen socks	$1 00
Mrs. Albert Matteson	Grass Valley	Angora rugs	$1 00
Willett & Hanly	Grass Valley	Confectionery	$2 50 and dip.
Levi Fisher	Grass Valley	Twenty-four yards rag carpet	$3 00
Emily Bovey	Grass Valley	Needlework picture	$1 50
Mrs. S. J. Alderman	Grass Valley	Waxwork bridal wreath	$1 00
CLASS II.			
Mrs. Dickson	Grass Valley	Toilet set	$1 50
Mrs. W. E. Deamer	Grass Valley	Toilet set	$2 00
Mrs. Wm. Lord	Grass Valley	Kensington	$2 00
Mrs. Sam. Yeo	Grass Valley	Display of millinery	$2 50
CLASS III.			
Mrs. S. C. Hare	Grass Valley	Pair of lady's slippers	$2 00
CLASS IV.			
D. Goodstein & Co.	Grass Valley	Gent's and boys' clothing	$2 00
W. T. Richards	Grass Valley	Canned goods	Diploma.
M. Byrne, Jr.	Grass Valley	Chemicals	Diploma.
M. Byrne, Jr.	Grass Valley	Perfumery and fancy articles	Diploma.
M. George & Co.	Grass Valley	Display of China ware	Diploma.

FIFTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
J. M. Hales	Grass Valley	Wheat	$2 50
S. W. Piper	Grass Valley	Rye, two varieties	$2 50
C. R. Hill	Grass Valley	Oats	$2 50
CLASS II.			
Henry Hanssen	Grass Valley	Indian corn on stalks	$1 50
Henry Hanssen	Grass Valley	Sweet corn on stalks	$2 00
Henry Hanssen	Grass Valley	Broom corn on stalks	$1 50
R. Manion	Grass Valley	Indian corn on stalks	$2 50
R. Manion	Grass Valley	Potatoes	$4 00
H. G. Leeman	Grass Valley	Potatoes	$1 00
J. H. Campbell	Grass Valley	Potatoes	$3 00
J. S. McGuire	Colfax	Potatoes	$2 00
S. G. Lewis	Grass Valley	Potatoes, new variety	$4 00
J. H. Campbell	Grass Valley	Potatoes, new variety	$2 00
J. H. Campbell	Grass Valley	Onions	$2 50
Henry Hanssen	Grass Valley	Muskmelons	50
Henry Hanssen	Grass Valley	Squashes	$1 00

FIFTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Thos. N. Paine	Grass Valley	Watermelons (Ironclad)	50
J. H. Campbell	Grass Valley	Watermelons	$1 00
J. H. Campbell	Grass Valley	Muskmelons	$1 00
A. W. Kemph	Nevada City	Squashes	$2 00
Patrick Noonan	Grass Valley	Tomatoes	$1 00
Thos. N. Paine	Grass Valley	Tomatoes	$2 00
L. W. Pengree	Grass Valley	Cabbages	50
John T. Rodda	Grass Valley	Cabbages	$1 00
John T. Rodda	Grass Valley	Parsnips	50
John T. Rodda	Grass Valley	Carrots (stock)	50
John T. Rodda	Grass Valley	Carrots (table)	50
A. W. Kemph	Nevada City	Parsnips	$1 00
J. M. Hales	Grass Valley	Carrots (stock)	$1 00
A. W. Kemph	Nevada City	Carrots (table)	$1 00
T. N. Paine	Grass Valley	Cucumbers	$1 00
John T. Rodda	Grass Valley	Cucumbers	50
Henry Hanssen	Grass Valley	Beets (table)	50
John T. Rodda	Grass Valley	Beets (stock)	50
J. H. Campbell	Grass Valley	Beets (table)	$1 00
J. M. Hales	Grass Valley	Beets (stock)	$1 00
Henry Hanssen	Grass Valley	Dried beans	$1 00
John T. Rodda	Grass Valley	Dried beans	50
J. H. Campbell	Grass Valley	Third best quality and greatest variety garden vegetables	$1 50
John T. Rodda	Grass Valley	Best variety garden vegetables	$5 00
Henry Hansen	Grass Valley	Second best variety garden vegetables	$2 50
CLASS III.			
J. M. Hales	Grass Valley	Grasses (cultivated)	$1 50
R. Berreman	Grass Valley	Grasses (nine varieties)	Diploma.
John T. Rodda	Grass Valley	Flowering plants	$4 00
John T. Rodda	Grass Valley	Hanging plants	$1 50
J. H. Campbell	Grass Valley	Leaf tobacco	$2 50
CLASS IV.			
Mrs. L. Horton	Rough and R'y	Exhibit of soap	$1 00
CLASS V.			
Mrs. P. Brock	Grass Valley	Three loaves wheat bread	$2 00
Mrs. F. N. Wheeler	Grass Valley	Two loaves wheat bread	$3 00
Miss Esther Nathan	Grass Valley	Two loaves wheat bread	$1 00
Miss K. Cooley	Grass Valley	Biscuits	$2 00
Mrs. Jane Sims	Grass Valley	One dozen doughnuts	$1 00
Miss Minnie Bosworth	Grass Valley	One dozen doughnuts	$1 50

SIXTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
J. Stone	Grass Valley	Apples	$1 00
J. L. Weed	Grass Valley	Apples, ten varieties	$4 00
J. M. Hales	Grass Valley	Apples, seven varieties	$2 00
C. R. Hill	Grass Valley	Apples, twenty-three varieties	$3 00
John T. Rodda	Grass Valley	Apples, thirty-five varieties	$5 00
J. M. Hales	Grass Valley	Pears, five varieties	$2 00
Mrs. J. Simms	Grass Valley	Pears	$1 00
C. R. Hill	Grass Valley	Pears, twenty-five varieties	$5 00
John T. Rodda	Grass Valley	Pears, eleven varieties	$4 00

SIXTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
J. L. Weed	Grass Valley	Pears	$3 00
J. R. Balch	Rough & R'dy.	Peaches	$3 00
W. H. Totten	Grass Valley	Peaches, two varieties	$2 00
S. J. Alderman	Grass Valley	Peaches	$5 00
M. Williamson	Penryn	Peaches	$4 00
J. P. Stone	Grass Valley	Plums	$1 00
J. R. Balch	Rough & R'dy.	Plums	$2 00
A. Matteson	Grass Valley	Plums, two varieties	$3 00
John T. Rodda	Grass Valley	Plums, four varieties	$5 00
Mrs. T. H. Moore	Grass Valley	Plums	$4 00
J. M. Hales	Grass Valley	Nectarines	$2 50
Thomas Fraser	Placerville	Prunes, four varieties	$3 00
M. Williamson	Penryn	Olives	$2 00
J. R. Balch	Rough & R'dy.	Figs	$3 00
M. Williamson	Penryn	Figs	$2 00
M. Williamson	Penryn	Oranges	$2 50
W. T. Himes	Rocklin	Variety grapes	$5 00
W. T. Himes	Rocklin	Table grapes	$5 00
M. Williamson	Penryn	Table grapes	$3 00
W. T. Himes	Rocklin	Wine grapes	$5 00
CLASS II.			
G. C. Gaylord	Nevada City	Machine dried apples, 10 lbs.	$2 00
P. J. Isbell	Placerville	Nectarines, dried	$2 00
P. J. Isbell	Placerville	Machine dried berries, 10 lbs.	$2 00
P. J. Isbell	Placerville	Sun dried apples, ten pounds	$1 50
P. J. Isbell	Placerville	Sun dried pears, ten pounds	$1 50
P. J. Isbell	Placerville	Sun dried peaches, ten pounds	$1 50
P. J. Isbell	Placerville	Sun dried plums, ten pounds	$1 50
P. J. Isbell	Placerville	Sun dried apricots, ten pounds	$1 50
H. G. Leeman	Grass Valley	Raisins	$5 00
F. N. Paine	Grass Valley	Raisins	$3 00
P. J. Isbell	Placerville	Sun dried figs	$1 50
P. J. Isbell	Placerville	Display of dried fruit	$5 00
CLASS III.			
M. Williamson	Penryn	Almonds	$2 50
M. Williamson	Penryn	Display of nuts	$3 00
CLASS IV.			
Mrs. C. R. Hill	Grass Valley	Pickles, nine bottles	$2 50
Mrs. S. L. Walworth	Grass Valley	Comb honey, ten pounds	$1 50
Mrs. C. R. Hill	Grass Valley	Sealed fruit	$5 00
CLASS V.			
A. B. Driesbach	Rough & R'dy.	Port wine	Diploma.
A. B. Driesbach	Rough & R'dy.	Angelica	Diploma.
A. B. Driesbach	Rough & R'dy.	Red wine	Diploma.
H. G. Leeman	Grass Valley	Sherry wine	Diploma.
H. G. Leeman	Grass Valley	Grape brandy	Diploma.
W. T. Richards	Grass Valley	Ginger beer	Diploma.
W. E. Deamer	Grass Valley	Soda water	Diploma.
W. E. Deamer	Grass Valley	Wine cider	Diploma.
W. E. Deamer	Grass Valley	Ginger ale	Diploma.

SEVENTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
Mrs. Dedman	Placerville	Eleven oil paintings (best)	$5 00
Miss M. A. Loutzenheiser	Grass Valley	Three water-color p'tings (best)	$2 50
Miss B. Loutzenheiser	Grass Valley	Oil painting	Diploma.
Miss B. Loutzenheiser	Grass Valley	Three oil plaques	Diploma.
Miss F. Byrne	Grass Valley	Two oil paintings	Diploma.
Miss Abbie Squier	Dutch Flat	Two oil paintings	Diploma.
Miss Abbie Squier	Dutch Flat	Oil painted splasher	Diploma.
G. C. Gaylord	Nevada City	Five oil paintings	Diploma.
Mrs. W. G. Lord	Grass Valley	Two oil paintings	Diploma.
Miss Annie Spencer	Grass Valley	Three oil paintings	Diploma.
Mrs. F. G. Beatty	Nevada City	Two oil paintings	Diploma.
Sherman Othet	Grass Valley	Oil painting	Diploma.
Willis Clinch	Grass Valley	Best display of photographs	Diploma.
Felix Schrakamp	Grass Valley	Best pen drawing	Diploma.
Felix Schrakamp	Grass Valley	Best crayons	Diploma.
CLASS III.			
William Jones	Grass Valley	Animal drawing	Hon'ble ment'n.
Henry H. Barker	Grass Valley	Animal drawing	$2 50
Miss Hattie Nathan	Grass Valley	Painting	$2 50
Miss Kittie Smith	Grass Valley	Landscape drawing (best)	$2 50

SPECIAL DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Willis Clinch	Grass Valley	Crayon portrait	Diploma.
Willis Clinch	Grass Valley	Water-color portrait	Diploma.
Willis Clinch	Grass Valley	Photographic views	Hon. mention.
Mrs. Gad	Grass Valley	Two pillow shams	Hon. mention.
Mrs. S. D. Avery	Grass Valley	Knitted lace	Diploma.
Mrs. T. Hood	Grass Valley	Quilted skirts	Diploma.
Mrs. Frank E. Dennen	Grass Valley	Pillow shams	Hon. mention.
Mrs. Frank E. Dennen	Grass Valley	Toilet set	$2 00
Miss Libbie Crocker	Grass Valley	Chenille work	$2 50
Miss M. A. Loutzenheiser	Grass Valley	Bric-a-brac	Hon. mention.
Miss M. A. Loutzenheiser	Grass Valley	Oil painting on rice paper	Diploma.
Miss M. A. Loutzenheiser	Grass Valley	Spanish lace work	Hon. mention.
Miss M. A. Loutzenheiser	Grass Valley	Fire screen	Hon. mention.
Mrs. S. C. Hare	Grass Valley	Crochet lace	Diploma.
Mrs. Martha Bovey	Grass Valley	Lace work	$1 50
Emily Bovey	Grass Valley	Shell work	Hon. mention.
Miss Maud Byrne	Grass Valley	Needlework shams	$1 50
Mrs. J. M. Campbell	Grass Valley	Knit spread	$2 00
Miss L. Hanson	Grass Valley	Cretonne cover for sewing machine	Diploma.
Miss L. Hanson	Grass Valley	Cretonne stocking bag	Diploma.
Miss L. Hanson	Grass Valley	Sofa pillow	$1 50
Miss L. Hanson	Grass Valley	One pair footstools	Hon. mention.
Miss L. Hanson	Grass Valley	One pair plaques	Hon. mention.
Miss L. Hanson	Grass Valley	One pair card receivers	Hon. mention.
Miss L. Hanson	Grass Valley	One teapot holder	Hon. mention.
Miss L. Hanson	Grass Valley	One crochet cushion	Hon. mention.
Miss Ludo Wheeler	Grass Valley	Sofa cushion	Diploma.
Fred. Spencer	Grass Valley	Silkworms	$1 50
G. Spencer	Grass Valley	Artist's box	$2 00

SPECIAL DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Mrs. Lord	Grass Valley	Chenille work	Diploma.
Miss B. Nathan	Grass Valley	Plush work	$1 50
Miss B. Nathan	Grass Valley	Silk purses	Hon. mention.
Miss B. Nathan	Grass Valley	Sofa cushion	Hon. mention.
Elam Biggs	Grass Valley	Casperson electric lamp	Diploma.
Miss Dickson	Grass Valley	Crochet shams	$1 50
Miss H. Nathan	Grass Valley	Chair cushion	Diploma.
Mrs. Dickson	Grass Valley	Crochet toilet set	$1 50
Miss Etta Crall	Grass Valley	Toilet set	$1 50
Wm. George & Co.	Grass Valley	China display	Diploma.
Miss Annie Spencer	Grass Valley	Point lace	$2 00
Wm. Loutzenheiser	Grass Valley	Perfumery	Diploma.
Mrs. F. G. Beatty	Nevada City	Wall banner	$1 50
Mrs. Geo. Sleep	Grass Valley	Afghan	$1 50
Miss Jessie F. Collins	Grass Valley	Afghan	Hon. mention.
Albert J. Bovey	Grass Valley	Sofa cushion	Diploma.
Mrs. Emma Plummer	Grass Valley	Worsted and paper work, and sofa cover	Hon. mention.
Idaho Co.	Grass Valley	Four pieces quartz	Diploma.
San Francisco Copper Mine	Spencerville	Copper and copper ore	Diploma.
Mrs. W. J. Mitchell	Grass Valley	Lady's apron	Hon. mention.
Mrs. Bethell	Grass Valley	Knitted shawl and lace	Hon. mention.
Empire Mining Co.	Grass Valley	Three pieces quartz	Diploma.
Sam'l Fisher	Grass Valley	Ornamental fish tank	Diploma.
Sam'l Fisher	Grass Valley	Copper work	Diploma.
Mrs. H. J. Baldwin	Grass Valley	Crib blanket	Hon. mention.
Mrs. M. P. Stone	Grass Valley	Two child's crochet skirts, afghan, and cape	Hon. mention.
Mrs. W. E. Deamer	Grass Valley	Afghan	Hon. mention.
Mrs. S. J. Alderman	Grass Valley	Petaluma incubator and brooder	Diploma.
Mrs. Emma Plummer	Grass Valley	Two cases flowers	$2 00
Mrs. P. Brock	Grass Valley	Piano cover	$1 50
Mrs. W. T. Richards	Grass Valley	Knitted lace	Hon. mention.
Mrs. Bethell	Grass Valley	Leather work	Hon. mention.
Mrs. W. E. Deamer	Grass Valley	Second best crochet shawl	$2 00
Miss Belle Nathan	Grass Valley	Best ottoman cover	$1 50
Miss Belle Nathan	Grass Valley	Best embroidery with beads	$2 50

SPEED PROGRAMME.

TUESDAY, SEPTEMBER 2, 1884.

RACE NO. 1—RUNNING.

Special race, half-mile dash. No entrance. Purse, sixty dollars. Forty dollars to first horse; twenty dollars to second horse.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Dolly H	G. L. Richardson	Grass Valley.
Nettie B	C. D. Boyden	Lincoln.
C C	Charles Devore	

Position at Starting.	*Position at Close.*	
1. C C	Dolly H	1
2. Nettie B	Nettie B	2
3. Dolly H	C C	3

Time—0:55.

RACE NO. 2—RUNNING.

Purse, two hundred and fifty dollars, for district horses. Half a mile and repeat.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Quebec, by Norfolk; dam, Belmont	H. Stover	Grass Valley.
A A P, by Jourdan	A. A. Pinney	Grass Valley.
Emma, by Rifleman; dam, by Lummax	M. Heffron	Ione City.

Position at Starting.	*Position at Close.*		
1. Quebec	Emma	1	1
2. Emma	Quebec	2	2
3. A A P	A A P	3	3

Time—0:51½; 0:51.

RACE NO. 3—TROTTING.

2:55 Class. Purse, two hundred dollars, district horses. Mile heats, best three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Bally	S. D. Avery	Grass Valley.
Fred	J. E. Brown	Nevada City.
Flora	Isaac Eddy	Placerville.

Position at Starting.	*Position at Close.*				
1. Flora	Bally	1	2	1	1
2. Bally	Flora	3	1	2	2
3. Fred	Fred	2	3	3	dis.

Time—2:55; 2:54; 2:51; 2:55½.

WEDNESDAY, SEPTEMBER 3, 1884.

RACE NO. 4—RUNNING.

District horses. Three quarters of a mile and repeat. Twenty-five dollars entrance; ten dollars forfeit; one hundred dollars added.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Quebec, by Norfolk; dam, Belmont	H. Stover	Grass Valley.
Billy the Kid, by Leinster; dam, Lily Simpson	G. L. Richardson	Grass Valley.

Position at Starting.	*Position at Close.*		
1. Quebec	Billy the Kid	1	1
2. Billy the Kid	Quebec	2	2

Time—1:21; 1:20½.

RACE NO. 5—TROTTING (SPECIAL).

Purse, one hundred dollars. No entrance. Twenty-five dollars to second horse. Mile heats, three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Setting Sun, by Billy Haywood	A. L. Hines	Oakland.
Brigade, by Brigadier; dam, American Maid	Frank Grant	Marysville.

Position at Starting.	*Position at Close.*			
1. Setting Sun	Brigade	1	1	1
2. Brigade	Setting Sun	2	2	2

Time—2:46; 2:44½; 2:40.

RACE NO. 6—TROTTING.

Purse, eighty dollars. For three-year old district horses. Half mile heats, two in three.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Lizzie D, by Buckingham; dam, Gypsy	Wm. Lord	Grass Valley.
Black Pea, by Lodi; dam, Queen	Jas. Perrin	Grass Valley.
Scottish Chief, by Scottish Chief	J. F. Benoit	Grass Valley.

Position at Starting.	*Position at Close.*			
1. Lizzie D	Lizzie D	1	1	
2. Scottish Chief	Scottish Chief	2	2	
3. Black Pea	Black Pea	3	3	

Time—1:51; 1:51.

THURSDAY, SEPTEMBER 4, 1884.

RACE NO. 7—PACING (SPECIAL).

Purse, seventy-five dollars. No entrance. Twenty-five dollars to second horse. Mile heats, three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Rose	Stanley Eddy	Nevada City.
Bruce	A. L. Hines	Oakland.

Position at Starting.	*Position at Close.*				
1. Bruce	Rose	2	1	1	1
2. Rose	Bruce	1	2	2	2

Time—2:46; 2:42; 2:46; 3:08.

RACE NO. 8—RUNNING (SPECIAL).

Purse, one hundred and fifty dollars. No entrance. Three moneys: sixty, thirty, and ten per cent. Half mile and repeat.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Barney	C. Devore	Grass Valley.
Emma, by Rifleman; by Lommax	M. Heffren	Ione City.
A A P, by Jourdan	A. A. Pinney	Grass Valley.

Position at Starting.	*Position at Close.*				
1. A A P	Emma	d. h.	1	1	
2. Emma	Barney	d. h.	3	2	
3. Barney	A A P		3	2	3

Time—0:51¼; 0:52¾; 0:52½.

RACE NO. 9—WALKING.

For stallions. Five dollars entrance; twenty-five dollars added. One mile.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Frank	Joseph Perrin	Grass Valley.
Limekiln Jim	J. M. Smith	Grass Valley.

Jim wins race and money.

FRIDAY, SEPTEMBER 5, 1884.

RACE NO. 10—RUNNING.

District horses, three-year olds. Entrance, twenty-five dollars; ten dollars forfeit; one hundred dollars added. Half mile and repeat.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Bingo, by Langford; dam, Jenny Lind	H. Stover	Grass Valley.
Mollie B	C. D. Boyden	Lincoln.
Scamperdown, by Leinster	M. Leach	Placerville.

RACE No. 10—Continued.

Position at Starting.	*Position at Close.*		
1. Bingo	Scamperdown	1	1
2. Mollie B	Bingo	2	2
3. Scamperdown	Mollie B	3	3

Time—0:52¾; 0:53.

RACE No. 11—TROTTING.

2:45 Class. District horses. Purse, two hundred dollars. Mile heats, three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Doncaster, by Elmo; dam, Lady Emeline	John Dennen	Grass Valley.
Peter	J. Earl Brown	Nevada City.

Position at Starting.	*Position at Close.*			
1. Peter	Doncaster	1	1	1
2. Doncaster	Peter	2	2	2

Time—2:49; 2:48; 2:49.

RACE No. 12—RUNNING.

Saddle horse race for district horses who have never won money. Catch weights. Entrance, five dollars. Twenty-five dollars added. Half mile dash.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Hector, by Lodi	M. B. Peasley	Grass Valley.
Nettie B	C. D. Boyden	Lincoln.
If I Do	P. Nicholls	Dutch Flat.
C C	C. Devore	Grass Valley.

Position at Starting.	*Position at Close.*	
1. C C	Nettie B	1
2. Nettie B	If I Do	2
3. If I Do	C C	3
4. Hector	Hector	4

RACE No. 13—TROTTING.

District horses; two-year olds. Purse, one hundred dollars. Half mile heats; two in three.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Lizzie D, by Buckingham; dam, Gypsy	Wm. Lord	Grass Valley.
Black Pea, by Lodi: dam, Queen	Joseph Perrin	Grass Valley.
Dennis, by Barrington, by Nelson	C. D. Boyden	Lincoln.

Position at Starting.	*Position at Close.*		
1. Black Pea	Black Pea	1	1
2. Lizzie D	Lizzie D	2	2
3. Dennis	Dennis	3	3

Time—2:00⅕; 1:58.

RACE NO. 14—RUNNING.

Special race. Purse, thirty dollars. Half mile and repeat.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Nettie B	C. D. Boyden	Lincoln.
If I Do	P. Nicholls	Dutch Flat.

Position at Starting.	*Position at Close.*		
1. Nettie B	If I Do	1	1
2. If I Do	Nettie B	2	2

Time—0:54; 0:57¾.

SATURDAY, SEPTEMBER 6, 1884.

RACE NO. 15—RUNNING.

Free for all. Twenty-five dollars entrance; ten dollars forfeit; two hundred dollars added. One and one half mile dash.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Nick of the Woods, by Leinster; dam, Little Sophie	A. A. Pinney	Grass Valley.
Billy the Kid, by Leinster; dam, Lily Simpson	G. L. Richardson	Grass Valley.
Quebec, by Norfolk; dam, by Belmont	H. Stover	Grass Valley.

Position at Starting.	*Position at Close.*	
1. Quebec	Billy the Kid	1
2. Billy the Kid	Quebec	2
3. Nick of the Woods	Nick of the Woods	3

Time—2:50¾.

RACE NO. 16—TROTTING.

Special race. Free for all. Purse, four hundred dollars. No entrance. Mile heats, three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Hazel Kirke, by Brigadier; dam, Fanny	Frank Grant	Marysville.
Brigade, by Brigadier	J. McDonald	Marysville.
Setting Sun, by Billy Haywood	A. L. Hines	Oakland.

Position at Starting.	*Position at Close.*				
1. Hazel Kirke	Brigade	3	1	1	1
2. Setting Sun	Setting Sun	2	2	2	2
3. Brigade	Hazel Kirke	1	dis.		

Time—No time given.

RACE NO. 17—RUNNING.

Special race. Purse, one hundred dollars. No entrance. Half mile and repeat.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Barney	C. Devore	Grass Valley.
Bingo, by Langford; dam, Jenny Lind	C. D. Boyden	Lincoln.
A A P, by Jourdan	G. L. Richardson	Grass Valley.

Position at Starting.	*Position at Close.*	
1. Bingo	Barney	1 1
2. A A P	Bingo	2 3
3. Barney	A A P	3 2

Time—0:52¼; 0:53.

RACE NO. 18—RUNNING.

Special race. Purse, fifty dollars. No entrance. Quarter mile dash.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Dolly H	G. L. Richardson	Grass Valley.
Dandy Roan	D. M. Lane	Placerville.

Position at Starting.	*Position at Close.*	
1. Dolly H	Dandy Roan	1
2. Dandy Roan	Dolly H	2

Time—0:26.

WEDNESDAY, SEPTEMBER 3, 1884.

LADIES' TOURNAMENT.

Name.	Colors Worn.	P. O. Address.
Miss Elsie Shaw	Blue	Grass Valley.
Mrs. Wm. Bree	Dark blue	Grass Valley.
Miss Belle Hoffman	Black	Rough & Ready.
Miss Carrie Hudepohl	Blue and black	Dutch Flat.
Miss Minnie Jones	Olive green	Grass Valley.

Prizes Awarded.

First prize, Miss Carrie Hudepohl $20
Second prize, Miss Belle Hoffman $15
Third prize, Mrs. Wm. Bree $20
Fourth prize, Miss Minnie Jones $5
Fifth prize, Miss Elsie Shaw ..... Bridle and $10, by D. E. Knight and T. J. Sherwood.

TRANSACTIONS

OF THE

NINTH DISTRICT AGRICULTURAL ASSOCIATION

For the Year 1884,

Composed of the Counties of Del Norte and Humboldt.

OFFICERS OF THE ASSOCIATION.

G. C. BARBER	President.
S. H. CRABTREE	Secretary.
MORRIS LEVINGER	Treasurer.

DIRECTORS.

G. C. BARBER	Ferndale.
F. Z. BOYNTON	Ferndale.
G. A. DUNGAN	Ferndale.
HENRY ROHNER	Slide P. O.
H. S. CASE	Hydesville.
C. S. RICKS	Eureka.
WM. B. DOBBYN	Rohnerville.
H. C. ROLLINS	Del Norte County.

REPORT.

ROHNERVILLE, November 25, 1884.

To the honorable the State Board of Agriculture:

GENTLEMEN: The Directors of the Ninth District Agricultural Association submit this, their report of the transactions of said association, for the year ending this date.

S. H. CRABTREE, Secretary.

RECEIPTS AND EXPENDITURES.

Receipts.		
At the gate	$2,311 50	
Other tickets sold	162 00	
Privileges	220 00	
Entrance fees	319 50	
From the ball	148 50	
Account pigeon shooting	21 00	
Sundries, surplus hay, feed, and lumber sold	9 85	
Collected by gate-tender	1 00	
From the State	800 00	
Total receipts	$3,993 35	
Balance in favor of Association, 1883	327 35	
		$4,320 70
Expenditures.		
On purses	$1,085 00	
On premiums	1,269 00	
For printing and advertising	214 25	
For music	225 00	
For lumber, hay, and feed	191 92	
For sundry accounts, as per bills and vouchers in hands of Secretary	630 30	
Total expenditures	$3,615 47	
Balance in favor of Association, November 25, 1884	705 23	
		$4,320 70

EXHIBITS AND PREMIUMS AWARDED—1884.

FIRST DEPARTMENT.

Live Stock.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
CLASS I—THOROUGHBRED HORSES—MARES.				
Best mare, three years old	C. L. Thompson	Camp Grant	Rosa Bonheur	$9 00
CLASS II—HORSES OF ALL WORK.				
Best stallion, four years old and over	John Carr	Rohnerville	Humboldt Dave	$18 00
Second best	W. H. E. Smith	Rohnerville	Country Gentleman	Ref'd 2d prem.
MARES.				
Best brood mare, four years old and over, showing colt	M. Simpson	Ferndale	Juno	$12 00
Second best	John McDonough	Ferndale	Dolly	$6 00
Brood mare, four years old and over	Harrison Davis	Rohnerville	Flora Davis	
Brood mare, four years old and over	Harrison Davis	Rohnerville	Dolly	
Brood mare, four years old and over	J. M. Crickett	Rohnerville	Jane	
Brood mare, four years old and over	J. M. Crickett	Rohnerville	Jennie	
Brood mare, four years old and over	James T. Robarts	Ferndale	Puss	
Brood mare, four years old and over	James T. Robarts	Ferndale	Daisy	
Brood mare, four years old and over	N. Hurlburt	Ferndale	Maggie	
Brood mare, four years old and over	John T. Pollard	Ferndale	Fanny	
Best mare or gelding, three years old	John G. Graham	Eureka	Sam	$9 00
Second best	James Smith	Rohnerville	Nervy	$5 00
Best two years old	F. M. Rich	Rohnerville	Katie	$9 00
Second best two years old	H. Davis	Rohnerville	Pete Cloud	$5 00
Mare or gelding, two years old	H. Davis	Rohnerville	Fanny Cloud	
Mare or gelding, two years old	H. A. Myrick	Rohnerville	Julia	
Best one year old	L. S. Hicks	Ferndale	Maud S	$9 00
Second best	Joseph Davenport	Ferndale	Tige	$5 00
Best suckling colt	L. S. Hicks	Ferndale	John	$6 00
Second best	John McDonough	Ferndale	Rowdy	$3 00
Suckling colt	James T. Robarts	Ferndale	Flora	
Suckling colt	M. Simpson	Ferndale	Floss	

Suckling colt	N. Hurlburt	Ferndale	Beauty	
Suckling colt	H. Drake	Rohnerville	Lofty	
CLASS III—DRAFT HORSES—STALLIONS.				
Best four years old and over	W. H. E. Smith	Rohnerville	Val Jean	$18 00
Second best	W. H. E. Smith	Rohnerville	Providence	$12 00
Four years old and over	W. W. Goble	Ferndale	White Cloud	
Best three years old	Harrison Davis	Rohnerville	Billy Cloud	$12 00
MARES.				
Best brood mare, four years old and over, showing colt	C. L. Thompson	Camp Grant	Blue Ribbon	$12 00
Best mare or gelding, three years old	Wm. Dinsmore	Rohnerville	Cloud	$9 00
Mare or gelding, two years old	H. Havis	Rohnerville	Jack Claus	
Best suckling colt	Harrison Davis	Rohnerville	Silva	$6 00
Suckling colt	James T. Robarts	Ferndale	Belle	
CLASS IV—ROADSTERS—STALLIONS.				
Best stallion, four years old and over	W. H. E. Smith	Rohnerville	Poscora Hayward	$18 00
Second best	Frank McGrath	Table Bluff	Hambletonian	$12 00
Stallion, four years old and over	Frank McGrath	Table Bluff	Blackbird	
Stallion, four years old and over	W. H. E. Smith	Rohnerville	Grand Moor	
Best stallion, three years old	I. N. Minor	Arcata	Redwood	$12 00
Best stallion, two years old	W. H. E. Smith	Rohnerville	Tom Moore	$12 00
Best stallion, one year old	M. Simpson	Ferndale	Baldwin the Beauty	$6 00
MARES:				
Best brood mare, four years old and over, showing colt	P. Quinn	Table Bluff	Young Lightfoot	$12 00
Second best	W. H. E. Smith	Rohnerville	Lady Lightfoot	$6 00
Best mare or gelding, three years old	R. J. Bugbee	Ferndale	Barney Overland	$9 00
Best mare or gelding, one year old	J. L. Eby	Rohnerville	Maud E	$9 00
Second best	W. H. E. Smith	Rohnerville	Jack Moor	$5 00
Mare, one year old	James T. Robarts	Ferndale	Maud R	
Gelding, one year old	Wm. Dinsmore	Rohnerville	Go Bang, Jr.	
Best suckling colt	Frank McGrath	Table Bluff	Lady Fox	$6 00
Second best	P. Quinn	Table Bluff	Daisy	$3 00
Suckling colt	C. L. Thompson	Camp Grant	Tony	
Suckling colt	W. H. E. Smith	Rohnerville	Jenny S	
Suckling colt	J. L. Eby	Rohnerville	Victor	
CLASS V—CARRIAGE HORSES.				
Best double team, matched in color and style, owned and used by one person as such	I. B. Barnes	Ferndale	Flora and Maud	$12 00
Second best	John T. Pollard	Ferndale	Minnie and Pet	$6 00

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
CLASS VI—SADDLE HORSES.				
Best saddle horse	A. Robinson	Slide P. O.	Kitty	$6 00
Second best	C. L. Thompson	Camp Grant	Diek	$3 00
Best family of four colts, sired by same horse	L. S. Hicks	Ferndale	John	$5 00
	John McDonough	Ferndale	Rowdy	$5 00
	John McDonough	Ferndale	Belle	$5 00
	H. Davis	Rohnerville	Pete Cloud	$5 00
CLASS VII—JACKS AND MULES.				
Best jack	Curtis Lewis	Ferndale	Jack Talbott	$12 00
Jack	John Bianton	Rohnerville	Andrew	
Best pair mules	Joseph Russ	Ferndale	Queen and Maud	$12 00
Pair mules	B. Robinson	Ferndale	Burt and Queen	
CATTLE—CLASS I—DURHAM—BULLS.				
Best three years old or over	Joseph Russ	Ferndale	Roderiek	$18 00
Second best	Roberts & Aldrich	Ferndale	John	$9 00
Best two years old	William Samuels	Ferndale	Johnny Bull	$12 00
Second best	B. Robinson	Ferndale	Monareh 3d	$6 00
Best one year old	Joseph Russ	Ferndale	Roderiek 2d	$9 00
Best bull calf	D. M. Bryant	Ferndale	Tommy	$6 00
Second best	Joseph Russ	Ferndale	Roderiek 3d	$3 00
Bull calf	Joseph Russ	Ferndale	Roderiek 4th	
COWS.				
Best three years old or over	D. M. Bryant	Ferndale	Lady	$12 00
Second best	Joseph Russ	Ferndale	Rosetta 13th	$6 00
Three years old or over	Joseph Russ	Ferndale	Queen 2d	
Three years old	Joseph Russ	Ferndale	Queen 3d	
Best two years old	Joseph Russ	Ferndale	Queen 4th	$12 00
Best heifer calf	Joseph Russ	Ferndale	Princess	$6 00
JERSEY AND ALDERNEY IN ONE CLASS—BULLS.				
Best three years old or over	James T. Robarts	Ferndale	Johnny Murdock	$18 00
Best two years old	John T. Pollard	Ferndale	Henry	$12 00
Two years old	James T. Robarts	Ferndale	Nimrod	
Best one year old	James T. Robarts	Ferndale	Victor	$9 00
Second best	John G. Graham	Eureka	Moses	$5 00

COWS.				
Best three years old or over	John T. Pollard	Ferndale	Daisy Eyebright	$12 00
Second best	James T. Robarts	Ferndale	Topsy	$6 00
Three years old	James T. Robarts	Ferndale	Diamond	
Best one year old	T. W. Sweasey	Hydesville	Jersey Lily	$9 00
Second best	John T. Pollard	Ferndale	Belle	$5 00
Best heifer calf	Joseph Fitzell	Hydesville	Jessie	$6 00
AYRSHIRES—BULLS.				
Best three years old or over	N. Hurlburt	Ferndale	Victor	$18 00
Best one year old	N. Hurlburt	Ferndale	Scotland	$9 00
Best bull calf	N. Hurlburt	Ferndale	Roy	$6 00
COWS.				
Best three years old or over	N. Hurlburt	Ferndale	Cora	$12 00
Best two years old	N. Hurlburt	Ferndale	Maud	$12 00
Best one year old	N. Hurlburt	Ferndale	Dorme	$9 00
Best heifer calf	N. Hurlburt	Ferndale	Delphine	$6 00
HOLSTEINS—BULLS.				
Best three years old or over	John G. Graham	Eureka	Grand Duke	$18 00
HEREFORDS—BULLS.				
Best three years old or over	Joseph Russ	Ferndale	Prince Leopold	$18 00
GRADED CATTLE—BULLS.				
Best bull calf	N. Hurlburt	Ferndale	Monarch	$4 00
Second best	John G. Graham	Eureka	Prince Albert	$2 00
COWS.				
Best three years old or over	William Samuels	Ferndale	Mary	$6 00
Second best	H. Drake	Rohnerville	Spot	$5 00
Three years old	William Samuels	Ferndale	Maggie	
Best two years old	John T. Pollard	Ferndale	Dolly	$6 00
Best one year old	H. Drake	Rohnerville	Daisy	$4 00
Second best one year old	J. S. East	Rohnerville	May	$2 00
One year old	John T. Pollard	Ferndale	Mary	
Best heifer calf	John G. Graham	Eureka	Fanny	$3 00
SHEEP.				
Best Cotswold ram	A. H. Knight	Table Bluff	Prince	$12 00
Best five ewes—Cotswold	A. H. Knight	Table Bluff		$12 00

FIRST DEPARTMENT—Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
Best merino ram	Wm. T. Olmstead	Eureka	Thos. A. Hendricks	$12 00
Merino ram	Wm. T. Olmstead	Eureka	Ben. Butler	
Merino ram	Wm. T. Olmstead	Eureka	Don Pedro	
Merino ram	Wm. T. Olmstead	Eureka	Grover Cleveland	
Merino ram	Wm. T. Olmstead	Eureka	Gen. Stoneman	
Second best	J. W. Jameson	Rohnerville	Gomez	$6 00
Best five ewes—merino	J. W. Jameson	Rohnerville		$12 00
Second best	J. W. Jameson	Rohnerville		$6 00
SWINE.				
Best Berkshire boar	Ira Bresee	Rohnerville	Henry Ward Beecher	$6 00
Best Berkshire sow	J. S. East	Rohnerville	Black Bets	$6 00
Best Essex boar	G. F. Gushaw	Slide P. O.	Bob	$6 00
Best Essex sow	G. F. Gushaw	Slide P. O.	Beck	$6 00
Second best Essex sow	G. F. Gushaw	Slide P. O.	Jennie	$3 00
POULTRY.				
Best pair turkeys	Mrs. G. C. Barber	Ferndale		$4 00
Best pair geese	Mrs. G. C. Barber	Ferndale		$4 00
Pair geese	R. Bryant	Rohnerville		
Best pair chickens	R. Bryant	Rohnerville		
Best pair ducks	H. McWhinney	Ferndale		$4 00
Pair ducks	J. A. Davenport	Ferndale		
Best display of poultry	Rolla Bryant	Rohnerville		$5 00

SECOND DEPARTMENT.

MECHANICAL PRODUCTS.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
Gimsell & Dunn	Ferndale	Best farm wagon	$10 00
P. M. Johnson	Rohnerville	Best dis. leather made in district	$6 00
P. M. Johnson	Rohnerville	Best pair buckskin gloves	$2 00
Joseph Reynolds	Rohnerville	Best pair calf gloves	$3 00
James Thompson	Rohnerville	Best dis. brick made in district	$5 00
O. D. Whittier	Ferndale	Best dis. cooperage made in dis.	$3 00
A. J. Geandrot	Eureka	Best dis. willow ware made in district	$10 00
J. H. Brown	Rio Del	Best shod horse for light road work	$5 00
H. Wooldridge	Ferndale	Best fret sawing by amateur	$3 00
Willie Barber	Ferndale	Fret sawing by amateur	$1 50
The Lincoln Mills	Eureka	Display doors and moldings (special)	$5 00

THIRD DEPARTMENT.

AGRICULTURAL PRODUCTS.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
Hugh MeWhinney	Ferndale	Best five pounds butter	$2 00
Jere Dale	Rohnerville	Best fifty pounds butter, three months old	$5 00
Charles Vedder	Ferndale	Best cheese	$5 00
Charles Vedder	Ferndale	Second best cheese	$2 50
Horace Drake	Rohnerville	Best bushel wheat	$4 00
Horace Drake	Rohnerville	Second best bushel wheat	$2 00
C. Marshall	Slide P. O.	Best bushel barley	$4 00
Wm. Dinsmore	Rohnerville	Second best bushel barley	$2 00
C. Marshall	Slide P. O.	Best bushel oats	$4 00
Wm. Dinsmore	Rohnerville	Second best bushel oats	$2 00
Jere Dale	Rohnerville	Best bushel peas	$4 00
B. Robinson	Ferndale	Second best bushel peas	$2 00
Ira Doty	Rohnerville	Best bushel beans	$4 00
N. Benson	Hydesville	Second best bushel beans	$2 00
James Hodge	Rohnerville	Best two sheaves wheat	$2 00
J. J. Newman	Camp Grant	Best six stalks corn	$2 00
L. E. Tolladay	Hydesville	Second best six stalks corn	$1 00
Wm. Dinsmore	Rohnerville	Best one dozen beets	$2 00
J. S. East	Slide P. O.	Second best one dozen beets	$1 00
James Hodge	Rohnerville	Best one dozen turnips	$2 00
W. B. Wooldridge	Ferndale	Best one dozen carrots	$2 00
James Thompson	Rohnerville	Second best one dozen carrots	$1 00
J. S. East	Slide P. O.	Best three cabbages	$2 00
John W. Fell	Rohnerville	Second best three cabbages	$1 00
James Hodge	Rohnerville	Best three squashes	$2 00
Wm. Dinsmore	Rohnerville	Second best three squashes	$1 00
Amos Hansell & Sons	Camp Grant	Best three pumpkins	$2 00
B. Robinson	Ferndale	Second best three pumpkins	$1 00
James Hodge	Rohnerville	Best one bushel potatoes	$3 00

THIRD DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
J. S. East	Slide P. O.	Second best one bushel potatoes	$2 00
James Hodge	Rohnerville	Best display potatoes	$5 00
J. S. East	Slide P. O.	Second best display potatoes	$2 50
Amos Hansell & Sons	Camp Grant	Best display sweet potatoes	$2 00
L. E. Tolladay	Hydesville	Best display tomatoes	$2 00
James Hodge	Rohnerville	Second best display tomatoes	$1 00
A. Hansell & Sons	Camp Grant	Best display of onions	$2 00
John W. Fell	Rohnerville	Second best display of onions	$1 00
Jere. Dale	Rohnerville	Best bacon	$4 00
Jere. Dale	Rohnerville	Best hams	$4 00
A. H. Bradford	Rohnerville	Best lard	$4 00
BREAD AND PASTRY.			
Mrs. A. A. Smith	Rohnerville	Best two loaves home-made bread, corn	$2 00
Mrs. J. T. Manon	Rohnerville	Second best two loaves home-made bread, corn	$1 00
Mrs. H. H. Moller	Ferndale	Best two loaves home-made bread, rye	$2 00
Mrs. J. T. Manon	Rohnerville	Best two loaves home-made bread, wheat	$2 00
Miss Amanda Benson	Hydesville	Second best two loaves home-made bread, wheat	$1 00
Mrs. J. T. Manon	Rohnerville	Best pan of biscuit	$2 00
Miss Hattie L. Tolladay	Hydesville	Second best pan of biscuit	$1 00
Mrs. H. H. Moller	Ferndale	Best display of pastry	$5 00
Mrs. M. Vernon	Rio Dell	Second best display of pastry	$2 50
CLASS II—FLOWERS.			
Mrs. H. Wooldridge	Ferndale	Best display of flowers, not less than fifteen varieties	$10 00
Miss Musa Wooldridge	Ferndale	Second best display of flowers, not less than fifteen varieties	$5 00
Miss Nellie Wooldridge	Ferndale	Third best display of flowers, not less than ten varieties	$3 00
Miss Musa Wooldridge	Ferndale	Best bouquet	$3 00
Miss Nellie Wooldridge	Ferndale	Second best bouquet	$2 00
Mrs. H. Wooldridge	Ferndale	Third best bouquet	$1 00

FOURTH DEPARTMENT.

FRUITS, ETC.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
Amos Hansell & Sons	Camp Grant	Best display of fruit of all kinds	$15 00
Peter Hauck	Rohnerville	Second best display of fruit of all kinds	$7 50
Amos Hansell & Sons	Camp Grant	Best five varieties of apples correctly named	$10 00
F. M. Harty	Camp Grant	Second best five varieties of apples correctly named	$5 00
J. T. Manon	Rohnerville	Best display of quinces	$2 00
Amos Hansell & Sons	Camp Grant	Best display of grapes	$2 00
Peter Hauck	Rohnerville	Best display of prunes	$2 00
Mrs. A. P. Compton, Sr.	Rohnerville	Best display of peaches	$5 00

FOURTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS 11—JAMS, JELLIES, AND PRESERVES.			
Mrs. C. H. Brewer	Rohnerville	Best currant jam	$2 00
Mrs. C. H. Brewer	Rohnerville	Best plum jam	$2 00
Mrs. C. H. Brewer	Rohnerville	Best raspberry jam	$2 00
Mrs. C. H. Brewer	Rohnerville	Best blackberry jam	$2 00
Mrs. G. C. Barber	Ferndale	Best currant jelly	$2 00
Mrs. H. H. Moller	Ferndale	Best raspberry jelly	$2 00
Mrs. H. H. Moller	Ferndale	Best apple jelly	$2 00
Mrs. H. H. Moller	Ferndale	Best peach jelly	$2 00
Mrs. H. H. Moller	Ferndale	Best quince jelly	$2 00
Mrs. O. D. Whittier	Ferndale	Best crabapple jelly	$2 00
Mrs. T. W. Crosby	Ferndale	Best plum jelly	$2 00
Mrs. C. H. Brewer	Rohnerville	Best blackberry jelly	$2 00
Mrs. C. H. Brewer	Rohnerville	Best watermelon preserves	$2 00
Mrs. C. H. Brewer	Rohnerville	Best tomato preserves	$2 00
Mrs. C. H. Brewer	Rohnerville	Best crabapple preserves	$2 00
Mrs. C. H. Brewer	Rohnerville	Best pear preserves	$2 00
Mrs. C. H. Brewer	Rohnerville	Best quince preserves	$2 00
Mrs. C. H. Brewer	Rohnerville	Best blackberry preserves	$2 00
Mrs. C. H. Brewer	Rohnerville	Best plum preserves	$2 00
Mrs. C. H. Brewer	Rohnerville	Best cherry preserves	$2 00
Mrs. C. H. Brewer	Rohnerville	Best apple preserves	$2 00
Mrs. C. H. Brewer	Rohnerville	Best peach preserves	$2 00
Miss Annie Barber	Ferndale	Best apple butter	$2 00
Miss Annie Barber	Ferndale	Best plum butter	$2 00
Mrs. C. H. Brewer	Rohnerville	Best display of jams, jellies, and preserves	$5 00
Mrs. R. A. Lutman	Ferndale	Best display fresh canned fruits	$5 00
G. C. Barber	Ferndale	Best display dried apples	$2 00
G. C. Barber	Ferndale	Best display dried plums	$2 00
G. C. Barber	Ferndale	Best display dried prunes	$2 00
G. C. Barber	Ferndale	Best display dried peaches	$2 00
G. C. Barber	Ferndale	Best display dried fruits	$5 00

FIFTH DEPARTMENT.

HOUSEHOLD FABRICS.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS 1.			
Mrs. W. Underwood	Slide P. O.	Best rag carpet	$5 00
Mrs. W. Underwood	Slide P. O.	Second best rag carpet	$2 50
Mrs. H. D. Bendixen	Eureka	Best worsted rug	$3 00
Mrs. M. T. Blackburn	Ferndale	Second best worsted rug	$1 50
Mrs. Mark Bugbee	Ferndale	Best slipper case	$2 00
Mrs. M. Vernon	Rio Dell	Best pillow shams	$2 00
Mrs. H. McWhinney	Ferndale	Best darned net pillow shams	$4 00
Mrs. M. Groton	Rohnerville	Second best darned net pillow shams	$2 00
Madam Lithgow	Rohnerville	Best patched garment	$2 00
Mrs. A. Benjamin	Ferndale	Best sewing machine work	$3 00
Mrs. H. H. Moller	Ferndale	Second best sewing machine work	$1 50
Mrs. A. H. Bradford	Rohnerville	Best specimen of hand sewing	$3 00
Mrs. H. H. Moller	Ferndale	Second best specimen of hand sewing	$1 50

FIFTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Mrs. Mark Bugbee	Ferndale	Best sofa pillow	$2 00
Mrs. H. T. Bridges	Rohnerville	Second best sofa pillow	$1 00
Mrs. M. Vernon	Rio Dell	Best bedspread	$2 00
Jennie Porter	Eureka	Specimen of patchwork by girl under 12 years	$1 00
Mrs. H. McWhinney	Ferndale	Nicest arranged log cabin quilt	$5 00
Mrs. W. B. Dobbyn	Rohnerville	Second best log cabin quilt	$2 50
Mrs. E. B. Wolverton	Ferndale	Best patchwork quilt, worsted	$4 00
Mrs. D. S. Tinsley	Hydesville	Second best patchwork quilt	$5 00
Miss Lizzie Bolt	Eureka	Best bedspread, crochet	$5 00
Mrs. M. Vernon	Rio Dell	Best bedspread, knit	$5 00
Mrs. Maggie Rich	Rohnerville	Best specimen of quilting	$3 00
Mrs. H. McWhinney	Ferndale	Best patchwork quilt, cotton	$4 00
Mrs. E. J. Kirk	Rohnerville	Second best patchwork quilt, cotton	$2 00
CLASS II—EMBROIDERY, CROCHET, ETC.			
Miss Jessie Ellery	Eureka	Best worsted crochet tidy	$3 00
Miss Jessie Ellery	Eureka	Second best worsted crochet tidy	$1 50
Mrs. J. B. Lowry	Rohnerville	Best cotton crochet tidy	$3 00
Miss M. M. Francis	Ferndale	Second best cotton crochet tidy	$1 50
Mrs. B. Robinson	Ferndale	Best knit tidy	$3 00
Mrs. B. W. Stokes	Arcata	Second best knit tidy	$1 50
Miss Jessie Ellery	Eureka	Best canvas tidy	$3 00
Mrs. Mark Bugbee	Ferndale	Second best canvas tidy	$1 50
Mrs. H. McWhinney	Ferndale	Best darned net tidy	$3 00
Mrs. A. H. Bradford	Rohnerville	Second best darned net tidy	$1 50
Mrs. P. Mills	Rio Dell	Best toilet set, crochet	$2 00
Mrs. H. J. Bridges	Rohnerville	Best lamp mat	$1 00
Mrs. H. J. Bridges	Rohnerville	Second best lamp mat	$0 50
Miss Daisy Sweasey	Hydesville	Best embroidered infant's skirt on flannel	$2 00
Miss Daisy Sweasey	Hydesville	Best specimen silk embroidery	$1 00
Miss De Ette Davenport	Ferndale	Best toilet cushion	$1 00
Mrs. Mark Bugbee	Ferndale	Second best toilet cushion	$0 50
Mrs. M. Vernon	Rio Dell	Best toilet set on canvas	$1 00
Miss May Ready	Hydesville	Second best toilet set on canvas	$0 50
Mrs. H. McWhinney	Ferndale	Best sample of tatting	$1 00
Miss Annie Dale	Rohnerville	Second best sample of tatting	$0 50
Miss M. J. Stoddard	Ferndale	Best point lace	$5 00
Mrs. H. McWhinney	Ferndale	Second best point lace	$2 50
CLASS III—ORNAMENTAL AND FANCY WORK.			
Mrs. J. B. Lowry	Rohnerville	Best hair wreath	$2 00
Miss Addie Anderson	Hydesville	Best worsted wreath	$2 00
Mrs. H. Wright	Ferndale	Best agricultural wreath	$2 00
Madam Lithgow	Rohnerville	Best specimen of hair work	$2 00
Miss Lucy Jordan	Rohnerville	Best display on cardboard	$2 00
Mrs. M. Vernon	Rio Dell	Second best display on cardb'rd	$1 00
Mrs. M. Vernon	Rio Dell	Best display air castles	$1 00
Mrs. M. Vernon	Rio Dell	Second best display air castles	$0 50
Mrs. Mark Bugbee	Ferndale	Handsomest display fancy articles	$10 00
CLASS IV.			
Miss M. C. Taylor	Eureka	Best specimen oil painting	$5 00
Miss M. C. Taylor	Eureka	Second best specimen oil paint'g	$2 50
Mrs. McKinstry	Eureka	Best water color	$5 00
Mrs. A. Keohan	Ferndale	Best pencil drawing	$5 00
Mrs. T. W. Crosby	Ferndale	Best crayon drawing	$5 00
Mrs. A. Keohan	Ferndale	Second best crayon drawing	$2 50
Miss Annie Jordan	Rohnerville	Best specimen penmanship by girl under 16 years of age	$5 00
Mrs. W. H. E. Smith	Rohnerville	Best display canary birds	$5 00
Miss Daisy Sweasey	Hydesville	Second best display canary birds	$2 50
David Worth	Hydesville	Best display stuffed birds	$5 00

SPEED PROGRAMME.

TUESDAY, SEPTEMBER 23, 1884.

Race No. 1—Running.

Purse, fifty dollars. For all saddle horses that have no record under two minutes. Catch weight; one mile dash. First horse, thirty-five dollars; second horse, fifteen dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Unknown	James Newton	Bridgeville.
Whitestocking	William Merriman	Bridgeville.
Mountain Belle	George Madden	Blockburgh.

Position at Starting.	*Position at Close.*	
1. Whitestocking	Whitestocking	1
2. Mountain Belle	Mountain Belle	2
3. Unknown	Unknown	dis.

Time—2:13½.

WEDNESDAY, SEPTEMBER 24, 1884.

Race No. 2—Trotting.

Purse, one hundred dollars. Single buggy race; one mile dash; for buggy horses, used as such, and that have not trotted in a race nor been trained for racing purposes; owners to drive. First horse, seventy-five dollars; second horse, twenty-five dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Judge	W. B. Alford	Ferndale.
Electa	W. H. E. Smith	Rohnerville.
Young Lightfoot	P. Quinn	Table Bluff.

Position at Starting.	*Position at Close.*	
1. Judge	Electa	1
2. Electa	Judge	2

Time—2:55.

RACE NO. 3—TROTTING.

Purse, one hundred and fifty dollars. For all horses that have never beaten three minutes. Poscora-Hayward barred. Mile heats, two in three. First horse, one hundred dollars; second horse, fifty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Electa	W. H. E. Smith	Rohnerville.
Judge	W. B. Alford	Ferndale.
Young Lightfoot	P. Quinn	Table Bluff.

Position at Starting.	*Position at Close.*			
1. Judge	Judge	2	1	1
2. Electa	Electa	1	2	2

Time—2:52; 2:50; 2:53.

RACE NO. 4—RUNNING.

Purse, forty dollars. For saddle horses with no record under fifty-four seconds. Catch weights. Half mile and repeat. First horse, thirty dollars; second horse, ten dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Mountain Belle	George Madden	Blockburgh.
Lady	William Merriman	Bridgeville.
Baldy	J. H. Goff	Petrolia.

Position at Starting.	*Position at Close.*	
1. Lady	Baldy	1
2. Baldy	Lady	dis.

Time—0:54.

THURSDAY, SEPTEMBER 25, 1884.

RACE NO. 5—RUNNING.

For all saddle horses that have never won a race. One half mile dash. Purse, twenty-five dollars. First horse, seventeen dollars and fifty cents; second horse, seven dollars and fifty cents.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Queen	W. B. Alford	Ferndale.
Plug	W. T. Lamb	Rohnerville.
Lightfoot	Frank McGrath	Eureka.

Position at Starting.	*Position at Close.*	
1. Queen	Queen	1
2. Plug	Lightfoot	2
3. Lightfoot	Plug	3

Time—0:59.

SPECIAL RACE.

Poscora Hayward to beat 2:30. Purse, two hundred dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Poscora Hayward	W. H. E. Smith	Rohnerville.

Time—2:28½; 2:29½.

RACE NO. 6—TROTTING.

Free for all. Poscora Hayward barred. Mile heats; two in three. Purse, one hundred dollars. First horse, seventy-five dollars; second horse, twenty-five dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Electa	W. H. E. Smith	Rohnerville.
Lady Hayes	P. Quinn	Table Bluff.
Boney	W. S. Barnum	Rohnerville.

Position at Starting.	*Position at Close.*		
1. Boney	Electa	1	1
2. Electa	Boney	2	2

Time—2:57; 3:01½.

RACE NO. 7—RUNNING.

Free for all. One half mile and repeat. Purse, one hundred dollars. First horse, seventy-five dollars; second horse, twenty-five dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Buz Fuz	Dr. T. D. Felt	Rohnerville.
Baldy	R. T. Hewett	Petrolia.
Tom	J. H. Goff	Petrolia.

Position at Starting.	*Position at Close.*	
1. Buz Fuz	Tom	1
2. Tom	Buz Fuz	Injured and withdrawn.

Time—0:54½.

FRIDAY, SEPTEMBER 26, 1884.

RACE NO. 8—TROTTING.

Purse, two hundred dollars. Free for all. Poscora Hayward barred. Mile heats, three in five. First horse, one hundred and fifty dollars; second, fifty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Ralph Bugbee	W. H. E. Smith	Rohnerville.
Overland	P. W. Robarts	Table Bluff.
Judge	W. B. Alford	Ferndale.

Position at Starting.	*Position at Close.*			
1. Ralph Bugbee	Ralph Bugbee	1	1	1
2. Judge	Judge	2	2	2

Time—3:05; 2:47½; 2:42.

RACE NO. 9.—RUNNING.

Purse, one hundred dollars. Free for all. Mile heats, two in three. First horse, seventy-five dollars; second, twenty-five dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Tom	J. H. Goff	Petrolia.
Buz Fuz	Dr. T. D. Felt	Rohnerville.
Unknown	Jas. Newton	Bridgeville.

Position at Starting.	*Position at Close.*	
1. Unknown	Tom	1
2. Buz Fuz	Buz Fuz	dis.
3. Tom	Unknown	dis.

Time—2:11.

TRANSACTIONS

OF THE

TENTH DISTRICT AGRICULTURAL ASSOCIATION

For the Year 1884,

Composed of the Counties of Siskiyou, Shasta, and Trinity.

OFFICERS OF THE ASSOCIATION.

D. N. LASH ..... President.
A. G. W. DAVIS ..... Secretary.
M. RENNER ..... Treasurer.

DIRECTORS.

J. B. ROHRER ..... Yreka.
L. SWAN ..... Yreka.
A. D. RICHARDS ..... Yreka.
Dr. W. H. KING (deceased) ..... Yreka.
J. R. KENYON ..... Fort Jones.
E. A. READ ..... Redding.
F. ZARLE ..... Trinity Center.

REPORT.

EUREKA, December 1, 1884.

To the honorable the State Board of Agriculture:

GENTLEMEN: The Directors of the Tenth District Agricultural Association submit this, their report of the transactions of said association, for the year ending this date.

A. G. W. DAVIS, Secretary.

RECEIPTS AND EXPENDITURES.

Receipts.

On hand December 1, 1883	$42 01	
Entries to races	485 00	
Entries to stock	68 00	
Bar	381 25	
Ball	217 25	
Pools	94 00	
Privileges	90 50	
Subscription, badges, and gate	1,507 00	
From the State appropriation	800 00	
		$3,685 01

Expenditures.

Paid vouchers	$980 37	
Paid premiums and hall rent	814 25	
Paid purses	1,600 00	
		$3,394 62
Total receipts	$3,685 01	
Total expenditures	3,394 62	
		$290 39

Assets.

Balance	$290 39

Liabilities.

Due Siskiyou on note	$900 00	
Interest	84 90	
Total liabilities	$984 90	
Excess of liabilities		$694 51

PREMIUMS AWARDED—1884.

FIRST DEPARTMENT.

Live Stock.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
CLASS II.				
Best graded mare, three years old or over	A. D. Richards	Yreka	Nettie Mack	$20 00
CLASS III.				
Best stallion for all work, three years old or over	I. S. Mathews	Fort Jones		$20 00
Best two years old or over, for all work	Charles Beaudroit	Little Shasta		$15 00
CLASS IV.				
Best draft mare, three years old or over	J. B. Rohrer	Yreka		$15 00
CLASS V.				
Best roadster, without regard to sex	L. Swan	Yreka	Alta	$20 00
CLASS VI.				
Best double team roadsters, owned and used as such by one person	S. Jackson	Edgewood		$20 00
CLASS VII.				
Best saddle horse	M. Slater			$5 00
CLASS VIII.				
Best colt, two years old or under, without regard to sex	J. P. Woods	Fort Jones		$15 00
CATTLE—CLASS I.				
Best Jersey cow, three years old or over	Colonel W. S. Stone	Yreka	Daisy	$15 00
Best Jersey cow, two years old or over	L. Autenreith	Yreka	Miss Addie	$10 00
CLASS II—SWEEPSTAKES.				
Best bull of any stock or age	M. Slater		Sir Thomas	$15 00
Best cow of any stock or age	Colonel Stone	Yreka	Daisy	$10 00
Best calf of any stock or age	L. Autenreith	Yreka		$10 00

EXHIBITS AT THE PAVILION.

Exhibitor.	Article Exhibited.
NEEDLE, SHELL, AND WAXWORK, CLOTHING, ETC.	
Mrs. D. Ream	Worsted crochet hood.
Mrs. D. Ream	Worsted crochet skirt.
Mrs. T. Young	Pillow sham.
Miss Dora Iunker	Cotton crochet tidy.
Miss Dora Iunker	Worsted crochet slippers.
Miss Emily Iunker	Pincushion, raised.
Miss Emily Iunker	Trishum twine tidy.
Miss Mollie Cleland	Plush pincushion.
Miss Mollie Cleland	Cotton crochet.
Miss Mollie Cleland	Trimming, feather edged.
Miss Mollie Cleland	Patching.
Miss Mollie Cleland	Applique work.
Miss Mollie Cleland	Tucking, handwork.
Miss Mollie Cleland	Velvet frame.
Miss Mollie Cleland	Cotton embroidery.
Miss Mollie Cleland	Silk embroidery.
Miss Mollie Cleland	Crochet tidy.
Miss Mollie Cleland	Child's afghan.
Miss Mollie Cleland	Java canvas tidy.
Miss Mollie Cleland	Ottoman cover.
Miss Mollie Cleland	Crazy tablespread.
Miss Mollie Cleland	Suit underwear, machine.
Miss Mollie Cleland	Suit underwear, hand.
Miss Mollie Cleland	Baby's hood.
Miss Mollie Cleland	Cone work.
Miss Aggie Vance	Crazy crochet.
Miss Dora Iunker	Children's afghan.
Miss Emily Iunker	Silk embroidered table cover.
Mrs. Cornish	Suit lady's underwear, hand.
Mrs. Cornish	Transferred tidy.
Mrs. Cornish	Silk quilt.
Mrs. Cornish	Woolen socks, hand-made.
Mrs. Cornish	Home-spun woolen yarn.
Mrs. Cornish	Knit rug.
Mrs. Veterline	Knit stockings.
Mrs. D. N. Lash	White B. M.
Mrs. Schofield	Hair chain.
Mrs. Schofield	Rickrack lace.
Emma Schlagel	Crochet skirt, woolen.
Mrs. H. Kessler	Silk table cover.
Mrs. H. Kessler	Silk tidy.
Mrs. H. Kessler	Silk tidy.
Mrs. H. Kessler	Silk tidy, unfinished.
Mrs. H. Kessler	Tidy chair scarf crewels.
Mrs. H. Kessler	Sofa pillow, worsted.
Miss Emily Iunker	Sofa cushion, wave.
Miss Dora Iunker	Cotton embroidery tidy.
Mrs. Iffland	Millinery.
Mrs. Iffland	Infant's clothing.
Miss Minnie DeWitt	Crazy work on exhibition.
Miss Minnie Pashburg	Hood crochet.
Miss Minnie Pashburg	Java canvas tidy.
Miss Mary Pashburg	Lambrequin crochet.
Miss Mary Pashburg	Tidy embroidery, worsted.
Miss Mary Pashburg	Tidy crochet, cotton.
Miss Mary Pashburg	Leather brackets.
Miss Mary Pashburg	Child's braided dress.
Mrs. D. Ream	Lambrequins.
Lily Willfort	Cotton crochet tidy.

EXHIBITS AT THE PAVILION—Continued.

Exhibitor.	Article Exhibited.
Lily Willfort	Crochet tidy.
Lily Willfort	Fisherman's twine.
Lily Willfort	Basque, hand-made.
Mrs. Willfort	Crochet collars.
Mrs. Willfort	Cotton crochet tidy.
Mrs. Willfort	Darn net.
Mrs. Willfort	Worsted crochet.
Augusta Willfort	Fascinator.
Mrs. Willfort	Silk embroidery tidy.
Mrs. Willfort	Case letters.
Mrs. Willfort	Java canvas tidy.
Mrs. L. Nehrbas	Ottoman.
Mrs. L. Nehrbas	Shawl crochet.
Mrs. L. Nehrbas	Worsted tidy.
Mrs. L. Nehrbas	Crochet tidy.
Mrs. Repp	Cotton crochet pincushion.
Mrs. Repp	Worsted crochet skirt.
Mrs. Willfort	Machine tucking.
Mrs. D. Ream	Baby crochet worsted skirt.
Mrs. F. J. King	Sea moss.
Miss Mattie Pyle	Afghan.
Miss Mattie Pyle	Child's hood.
Miss Mattie Pyle	Child's hood.
Miss Mattie Pyle	Handkerchief case.
Miss Nellie Hawkins	Crochet tidy.
Mrs. F. J. King	Sea-moss work.
Miss Mattie Pyle	Rickrack lace.
Miss Anna Baggett	Worsted bracket lambrequin.
Ashland Mills	Eight pair woolen blankets.
Ashland Mills	Seven dozen pair woolen socks.
Ashland Mills	Three dozen pair ladies' hose.
Ashland Mills	One and one half dozen breakfast shawls.
Ashland Mills	One half dozen woolen skirts.
Ashland Mills	Two cassimere covers.
Ashland Mills	Six flannel covers.
Ashland Mills	Two plaid dress goods.
Ashland Mills	Three ladies' shawls.
Ashland Mills	Woolen overshirts.
Ashland Mills	Woolen undershirts.
Ashland Mills	Woolen drawers.
Ashland Mills	Six skeins yarn.
Mrs. Beck	Rag carpet.
BUTTER, BREAD, ETC.	
Miss Lulu Vance	Dish bottled blackberries.
Miss Lulu Vance	Crabapple jelly.
Miss Lulu Vance	Blackberry preserves.
Miss Lulu Vance	Blackberry jelly.
Miss Lulu Vance	Plums (Greengage).
Miss Lulu Vance	Grapes (Isabel).
Mrs. H. Kessler	Tomato catsup.
Mrs. E. Schofield	Peaches.
Miss Emily Iunker	Peach jelly.
Miss Emily Iunker	Blackberry jelly.
Miss Dora Iunker	Pear jelly.
Miss Lulu Vance	Apple jelly.
Miss Dora Iunker	Apple jelly.
Miss Dora Iunker	Cherry jelly.
Mrs. H. Repp	Fresh blackberry jelly.
Mrs. H. Repp	Blackberry spread.
Mrs. H. Repp	Cherries spread.
Mrs. H. Repp	Margaret pears.
Mrs. H. Repp	Crabapples pickled.
Mrs. H. Repp	Sweet pears pickled.
Mrs. H. Repp	Melons pickled.
Mrs. H. Repp	Mustard pickled.
Mrs. H. Repp	Sweet plums pickled.

EXHIBITS AT THE PAVILION—Continued.

Exhibitor.	Article Exhibited.
Mrs. H. Repp	Sweet cucumbers pickled.
Mrs. H. Repp	Sweet prunes pickled.
Mrs. H. Repp	Fresh cherries.
Mrs. H. Repp	Pickled onions.
Mrs. H. Repp	Spiced currants.
Mrs. H. Repp	Pickled sauba.
Mrs. H. Repp	Pickled cucumbers.
Mrs. H. Repp	Mango cucumbers.
Mrs. H. Repp	Tomato catsup.
Mrs. H. Repp	Blackberry jelly.
Mrs. H. Repp	Capers.
Mrs. H. Repp	Grapes spiced.
Mrs. H. Repp	Apple jelly.
Mrs. H. Repp	Crabapple jelly.
Mrs. H. Repp	Blackberry jam.
Mrs. H. Repp	Plum brandy.
Mrs. H. Repp	Prune brandy.
Mrs. E. Schofield	Tomato preserves.
Mrs. E. Schofield	Raspberry preserves.
Mrs. F. J. King	Currant jelly.
Mrs. F. J. King	Blackberry jelly.
Mrs. F. J. King	Strawberry jelly.
Mrs. F. J. King	Pink plum jelly.
Mrs. F. J. King	Crabapple jelly.
Mrs. F. J. King	Apple jelly.
Mrs. F. J. King	Mangles.
Mrs. F. J. King	Crabapples pickled.
Mrs. F. J. King	Peppers pickled.
Mrs. F. J. King	Tomatoes.
Miss Dora Iunker	Currant jelly.
Miss Emily Iunker	Plum (blue) jelly.
Miss Emily Iunker	Crabapple jelly.
Mrs. D. Young	Tomato catsup.
Mrs. D. Young	Wild plum preserves.
Mrs. D. Young	Blue plum preserves.
Mrs. D. Young	Peach preserves.
Mrs. H. Kessler	Currant jelly.
Mrs. H. Kessler	Blackberry jam.
Mrs. H. Kessler	Apple jelly.
Mrs. H. Kessler	Crabapple jelly.
Mrs. G. Jones	Currant jelly.
Mrs. G. Jones	Crabapple jelly.
Mrs. G. Jones	Pears, pickled.
Mrs. G. Jones	Plums, bottled.
Mrs. G. Jones	Peaches, bottled.
Mrs. G. Jones	Plum butter.
Mrs. G. Jones	Tomato catsup.
Mrs. Schofield	Fresh tomatoes.
Mrs. Schofield	Pickled peaches.
Mrs. Iffland	Fresh plums.
Mrs. Iffland	Fresh apricots.
Mrs. Iffland	Fresh pears.
Mrs. Iffland	Pickled cauliflower.
Mrs. Iffland	Pickled plums.
Miss Mattie Pyle	Pound cake.
F. Riley	Cheese.
F. Riley	Butter.
Miss Alice Cleland	Apple jelly.
Miss Alice Cleland	Pickled grapes.
Miss Alice Cleland	Home-made bread.
Miss Alice Cleland	Biscuit.
Mrs. Pyle	Sponge cake.
Mrs. Pyle	Tomato catsup.
Mrs. Repp	Fresh peaches.
Mrs. Repp	Prune preserves.
Augusta Willfort	Crabapple preserves.
Augusta Willfort	Blackberry jelly.

EXHIBITS AT THE PAVILION—Continued.

Exhibitor.	Article Exhibited.
Augusta Willfort	Crabapple jelly.
Augusta Willfort	Wild cherry jelly.
Augusta Willfort	Plum jelly.
Augusta Willfort	Crabapple sweet pickles.
Mrs. Pashburg	Wild plum jelly.
Mrs. Pashburg	Blackberry jelly.
Mrs. Pashburg	Crabapple jelly.
Mrs. Pashburg	Blue plum jelly.
Mrs. Pashburg	Wild grape jelly.
Mrs. Pashburg	Tomato catsup.
Mrs. Pashburg	Fresh blackberries.
Mrs. Pashburg	Fresh strawberries.
Mrs. Pashburg	Fresh pears.
Mrs. Pashburg	Fresh plums.
Mrs. Pashburg	Fresh crabapples.
Mrs. Pashburg	Fresh raspberries.
Mrs. Pashburg	Wild plums.
Mrs. Pashburg	Pickled peaches.
Mrs. Pyle	Raspberry jelly.
Mrs. Pyle	Wild plum jelly.
Mrs. Pyle	Blue damson plum jelly.
Mrs. Pyle	Currant jelly.
Mrs. Pyle	Green tomato pickles.
Miss Dora Iunker	Raised biscuit.
Miss Dora Iunker	Pound cake.
Miss Emily Iunker	Home-made bread.
Miss Emily Iunker	Nora cake.
Mrs. Repp	Pickled cabbage.
Miss J. Fried	Home-made bread.
Mrs. H. Kessler	Pears and peaches, fresh.
Mrs. H. Kessler	Fresh blackberries.
Mrs. H. Kessler	Dill pickles.
Mrs. Pashburg	Home-made bread.
Mrs. Pashburg	Tomato preserves.
Mrs. Pashburg	Fresh peaches.
Mrs. T. Young	Fruit cake.
Mrs. A. H. Burrows	Home-made bread.
Mrs. A. H. Burrows	Raised biscuit.
Mrs. A. H. Burrows	Fresh sugar pears.
Mrs. A. H. Burrows	Currant jelly.
Mrs. A. H. Burrows	Currant jam.
Mrs. Hoyt	Strawberry jelly.
Mrs. Hoyt	Blackberry jelly.
Mrs. Hoyt	Apricot jelly.
Mrs. Hoyt	Peach jelly.
Mrs. Hoyt	Pear jelly.
Mrs. Hoyt	Blue plum jelly.
Mrs. Hoyt	Crabapple jelly.
Mrs. Hoyt	Grape jelly.
Mrs. Hoyt	Tomato jelly.
Mrs. Hoyt	Currant jelly.
Mrs. Hoyt	Apple jelly.
Mrs. Hoyt	Blackberry jam.
Mrs. Hoyt	Fresh crabapples.
Mrs. Hoyt	Chile sauce.
Mrs. Hoyt	Spiced pears.
Mrs. Hoyt	Wild cherry jam.
AGRICULTURAL DEPARTMENT.	
J. R. Kenyon	Cauliflower.
J. R. Kenyon	Red Dutch cabbage.
J. R. Kenyon	Carrots.
J. R. Kenyon	Rutabaga turnips.
J. R. Kenyon	Sugar beets.
J. R. Kenyon	Snowflake potatoes.
J. R. Kenyon	Early Vermont potatoes.
J. R. Kenyon	Winter blue potatoes.

EXHIBITS AT THE PAVILION—Continued.

Exhibitor.	Article Exhibited.
Perry Hoyt	Squash (five kinds).
Perry Hoyt	Squash (three kinds).
Geo. Raymond	Sweet potatoes.
Harry Kessler	Tobacco plant.
J. P. Wood	Welcome oats.
Capt. Pope	Newtown Pippin apples.
Capt. Pope	Pippin apples.
Capt. Pope	Bellflower apples.
Capt. Pope	Maiden Blush apples.
Capt. Pope	New England cling peaches.
Capt. Pope	Bilgon peaches.
Capt. Pope	Shiply late cling peaches.
Capt. Pope	French prunes.
Capt. Pope	Duchan's Deango pears.
Capt. Pope	Bichwell strawberry.
Capt. Pope	Assorted grapes.
S. Jackson	Bacon—ham and shoulders.
S. Jackson	Northern Spy apples.
S. Jackson	Evergreen apples.
S. Jackson	White corn.
S. Jackson	Yellow (King Philip) corn.
S. Jackson	Acorn squashes.
S. Sackson	Sweet pumpkins.
S. Jackson	Yankee pumpkins.
S. Jackson	Early Rose potatoes.
S. Jackson	Peerless potatoes.
S. Jackson	Late Irish Cup potatoes.
S. Jackson	Late Peachblow potatoes.
S. Jackson	Barley.
S. Jackson	White Russian oats.
S. Jackson	Twenty-pound can butter.
F. J. King	Tobacco leaf.
S. Jackson	Ohio King apples.
S. Jackson	Red-cheek Pippin apples.
S. Jackson	Virginia Greening apples.
S. Jackson	Supa Spitzenburg apples.
S. Jackson	Rambo apples.
S. Jackson	Baldwin apples.
S. Sackson	White Winter Pearmain apples.
S. Jackson	Winesap apples.
S. Jackson	Red Romanite apples.
S. Jackson	Vandevere apples.
S. Jackson	Golden Russet apples.
S. Jackson	Yellow Bellflower apples.
S. Jackson	Blue Pearmain apples.
S. Jackson	Gloria Monda apples.
S. Jackson	Newtown Pippin apples.
S. Jackson	Smith cider apples.
S. Jackson	Red-cheek Pippin apples.
S. Jackson	Hubbard squash.
S. Jackson	Curly squash.
S. Jackson	Kashan squash.
J. Doll	Twenty-eight varieties seedling apples.
J. Doll	Dry apples.
J. Doll	Imperial Defiance wheat.
Ohmstead	Fall Pippin apples.
Ohmstead	Swar apples.
Ohmstead	Acorn squash.
Ohmstead	Double muskmelons.
Ohmstead	Watermelons.
S. Jackson	Mammoth squash.
JUVENILE DEPARTMENT.	
Nellie Iunker, 10 years of age	Cotton crochet lace.
Nellie Iunker, 10 years of age	Hand-sewing.
Nellie Iunker, 10 years of age	Patchwork.
Nellie Iunker, 10 years of age	Honeycomb tidy.

EXHIBITS AT THE PAVILION—Continued.

Exhibitor.	Article Exhibited.
Effie Vance, 11 years of age	Plum jelly.
Effie Vance, 11 years of age	Grape jelly.
Effie Vance, 11 years of age	Tomato catsup.
Effie Vance, 11 years of age	Windsor pears.
Harry Kessler, 9 years of age	Tobacco plant.
Nellie Iunker, 10 years of age	Whisk broom.
Nellie Iunker, 10 years of age	Chemise.
Nellie Iunker, 10 years of age	Motto perforated card.
Effie Vance, 11 years of age	Vinegar, cider.
Nellie Iunker, 10 years of age	Worsted crochet tidy.
Nellie Iunker, 10 years of age	Cotton crochet tidy.
Nellie Riley, 7 years of age	Toilet set.
Nellie Iunker, 10 years of age	Java canvas tidy.
Nellie Iunker, 10 years of age	Pincushion, popcorn.
Nellie Iunker, 10 years of age	Worsted footstool.
Henry Repp, 10 years of age	Writing.
Minnie Iffland, 11 years of age	Pencil drawing.
Minnie Iffland, 11 years of age	Canvas tidy.
Minnie Iffland, 11 years of age	Honeycomb tidy.
Minnie Iffland, 11 years of age	Hand-sewing patchwork.
Minnie Iffland, 11 years of age	Hand-sewing.
Mary Willfort, 8 years of age	Cardcase.
Mary Willfort, 8 years of age	Patchwork.
Mary Willfort, 8 years of age	Hand-writing.
Nellie Iunker, 10 years of age	Pyramid walnuts.
May Burrows, 6 years of age	Patchwork.
Clara Burrows, 10 years of age	Hand-sewing.
Clara Burrows, 10 years of age	Knitted lace.
Clara Burrows, 10 years of age	Crochet lace.
FLORAL PREMIUMS.	
Mrs. F. J. King	Cut flowers.
Mrs. S. F. Brown	Cut flowers.
Mrs. S. F. Brown	Bouquet.
Mrs. S. F. Brown	Pansies.
Mrs. Pyle	Foliage plants.
Mrs. Fried	Cut flowers.
Mrs. Fried	Bouquet.
Mrs. Fried	Coxcomb.
Mrs A. Burrows	House plants.
Mrs. Voss	House plants.

PREMIUMS AWARDED.

FIFTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
C. Schock	Yreka	Cochin chickens	$2 00
S. Jackson	Edgewood	Cured meats	$5 00
J. Doll		Improved Defiance wheat	$5 00
S. Jackson	Edgewood	Barley	$5 00
S. Jackson	Edgewood	White Russian oats	$5 00
Perry Hoyt	Little Shasta	Early potatoes	$5 00
J. R. Kenyon	Fort Jones	Sugar beets	$2 50
J. R. Kenyon	Fort Jones	Cauliflower	$2 50
S. Jackson	Edgewood	Hubbard squash	$2 00
S. Jackson	Edgewood	Best variety vegetables	$5 00
F. Riley	Yreka	Cheese	$5 00
Mrs. L. Huseman	Yreka	Currant wine	$5 00
Fred. Cleland	Yreka	Cider	$2 00
Frank Cleland	Yreka	Cider vinegar	$2 00
George Raymond		Sweet potatoes	$5 00
S. Jackson	Edgewood	Smith's cider apples	$5 00
Captain Pope		Best variety three spec'n apples	$3 00
Captain Pope		New England cling peaches	$2 00
Captain Pope		French prunes	$2 50
Captain Pope		Assortment grapes	$2 50
J. Doll		Dried apples	$1 50
Captain Pope		Strawberries	$1 50

SIXTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Swan & Lemay	Yreka	Best farm wagon	$10 00
Swan & Lemay	Yreka	Best built stage	$10 00
J. B. Russell	Yreka	Best display marble	$5 00
F. J. King	Yreka	Best home-made soap	$2 50

SEVENTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Mollie Cleland	Yreka	Best silk embroidery	$3 00
Mollie Cleland	Yreka	Best Java canvas tidy	$1 50
Mollie Cleland	Yreka	Best cotton embroidery	$2 00
Mrs. Veterlein	Yreka	Best woolen stockings	$1 00
Mrs. Cornish	Yreka	Best home spun yarn	$1 00
Emily Junker	Yreka	Best table cover	$2 00
Mrs. H. Kessler	Yreka	Best sofa pillow	$2 50
Miss Mollie Cleland	Yreka	Best hand tucking	$1 50
Mollie Cleland	Yreka	Best patching	$1 00
Mrs. Cornish	Yreka	Best hand-made underwear	$5 00
Mollie Cleland	Yreka	Best machine-made underwear	$2 50

SEVENTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
C. L. Bean	Yreka	Best straw basket	$1 00
Mrs. Theo. Young	Yreka	Best braiding	$1 50
Dora Iunker	Yreka	Best afghan	$2 50
Mrs. Willfort	Yreka	Best worsted crochet	$2 00
Mary Pashburg	Yreka	Best feather work	$2 50
Mrs. Cornish	Yreka	Best transfer work	$1 50
Mrs. Schofield	Yreka	Best hair work	$2 50
Mrs. Repp	Yreka	Best cotton crochet	$2 00
Mollie Cleland	Yreka	Best applique work	$1 50
Mollie Cleland	Yreka	Best cone work	$1 50
Mrs. Cornish	Yreka	Best silk quilt	$5 00
Mrs. F. J. King	Yreka	Best sea moss work	$2 00
Mrs. Iffland	Yreka	Best display of millinery	$5 00
		SPECIALS.	
Mrs. Willfort	Yreka	Best machine tucking	$1 00
Mrs. Willfort	Yreka	Best beaded silk embroidery	$2 00
Mrs. Willfort	Yreka	Best darned net	Hon. mention.
Mollie Cleland	Yreka	Best crazy table cover	$2 00
Mrs. H. Kesler	Yreka	Best kensington table cover	$2 00
Emily Iunker	Yreka	Best wire work	$1 00
Mrs. Cornish	Yreka	Best knit rug	$2 50
Mrs. Schofield	Yreka	Best rick-rack	$0 50
Emily Iunker	Yreka	Best pincushion	$1 00
Mollie Cleland	Yreka	Best pincushion	$1 00
Aggie Vance	Yreka	Best crazy chair scarf	$1 00
Mrs. Repp	Yreka	Best worsted skirt	$2 50
Nelia Hawkins	Yreka	Best hairpin tidy	$1 00
Fena Renner	Yreka	Best crochet	$1 50
Mollie Cleland	Yreka	Best feather edge crochet	$1 50
Mollie Cleland	Yreka	Best velvet frame	$1 00
Mrs. Willfort	Yreka	Best cardboard work	$0 50
Mrs. D. Ream	Yreka	Best lambrequin macrome cord	$2 50
S. Jackson	Yreka	Best case firkin butter	$2 50
Alice Cleland	Yreka	Best home-made bread	$1 50
Dora Iunker	Yreka	Best raised biscuit	$1 00
Mrs. Burrows	Yreka	Raised biscuit	Highly recom'd.
Mattie Pyle	Yreka	Best pound cake	$3 00
Mrs. C. H. Pyle	Yreka	Best sponge cake	$1 00
Emily Iunker	Yreka	Best nora cake	$1 00
Mrs. T. Young	Yreka	Best fruit cake	$2 00
Mrs. Schofield	Yreka	Best bottle tomatoes	$1 00
Mrs. Pyle	Yreka	Best bottle blackberries	$1 00
Mrs. Schofield	Yreka	Best bottle raspberries	$1 00
Mrs. Pashburg	Yreka	Best bottled peaches	$1 00
Mrs. Pashburg	Yreka	Best bottled pears	$1 00
Mrs. Hoyt	Yreka	Best bottled crabapples	$1 00
Mrs. Repp	Yreka	Best bottled cherries	$1 00
Mrs. Repp	Yreka	Best bottled currants	$1 00
Mrs. Pashburg	Yreka	Best bottled strawberries	$1 00
Mrs. Pashburg	Yreka	Best bottled plums	$1 00
Mrs. Hoyt	Yreka	Best apricot jelly	$1 50
Mrs. Pyle	Yreka	Best currant jelly	$1 50
Dora Iunker	Yreka	Best apple jelly	$1 50
Mrs. Repp	Yreka	Best peach jelly	$1 50
Augusta Willfort	Yreka	Best plum jelly	$1 50
Mrs. Pashburg	Yreka	Best wild plum jelly	$1 00
Mrs. Hoyt	Yreka	Best grape jelly	$1 50
Mrs. F. J. King	Yreka	Best crabapple jelly	$1 50
Mrs. F. J. King	Yreka	Best strawberry jelly	$1 50
Emily Iunker	Yreka	Best blackberry jelly	$1 50
Mrs. Pyle	Yreka	Best raspberry jelly	$1 50
Mrs. Theo. Young	Yreka	Best tomato catsup	$1 50
Mrs. Iffland	Yreka	Best cauliflower pickled	$1 00
Mrs. Repp	Yreka	Best cucumber pickled	$1 00
Mrs. Repp	Yreka	Best onions pickled	$1 00
Mrs. Repp	Yreka	Best sauba pickled	$1 00
Mrs. Repp	Yreka	Best mango cucumber pickled	$1 00

SEVENTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Mrs. F. J. King	Yreka	Best mango peppers	$1 00
Mrs. F. J. King	Yreka	Best peppers pickled	$1 00
Mrs. C. H. Pyle	Yreka	Best green tomatoes pickled	$1 00
Mrs. C. H. Pyle	Yreka	Best green cabbage pickled	$1 00
Mrs. Pashburg	Yreka	Best peaches	$1 00
Mrs. Repp	Yreka	Best brandy peaches	$1 00
Mrs. Repp	Yreka	Best pickled pears	$1 00
Mrs. H. Kessler	Yreka	Best blackberry jam	$1 00
Mrs. T. Young	Yreka	Best blue damson preserves	$1 00
Mrs. T. Young	Yreka	Best peach preserves	$1 00
Mrs. T. Young	Yreka	Best wild plums	$1 00
Mrs. Schofield	Yreka	Best tomato preserves	$1 00
Mrs. Repp	Yreka	Best pickled capers	$1 00

JUVENILE DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Nellie Iunker, ten years	Yreka	Crochet lace	$1 50
Nellie Iunker	Yreka	Worsted lace on hood	$1 50
Nellie Iunker	Yreka	Cotton crochet tidy	$1 50
Clara Willfort, twelve years	Yreka	Bead work watch case	$1 00
Nellie Iunker	Yreka	Patchwork	$1 00
Nellie Iunker	Yreka	Java canvas tidy	$1 00
Minnie Iffland, eleven years	Yreka	Canvas tidy	Hon. mention.
Anna Baggett	Yreka	Bracket lambrequin tidy	$1 50
Lily Willfort	Yreka	Knit lace	$1 00
Clara Willfort	Yreka	Knit hose	$1 00
Clara Willfort	Yreka	Knit stockings	Hon. mention.
Nellie Iunker	Yreka	Embroidered ottoman cover	$1 50
Nellie Iunker	Yreka	Hand sewing	$2 00
Minnie Iffland	Yreka	Pencil drawing	$2 50
Henry Repp, ten years	Yreka	Writing	$2 50
Mary Willfort, eight years	Yreka	Writing	Hon. mention.
Nellie Iunker	Yreka	Perforated card motto	$1 00
Nellie Iunker	Yreka	Popcorn pincushion	$1 00
Nellie Iunker	Yreka	Whisk broom holder	$1 00
Anna Baggett	Yreka	Lambrequin bracket	$1 50
Nellie Riley, seven years	Yreka	Toilet set	$1 50
Effie Vance, eleven years	Yreka	Grape jelly	$1 50
Lulu Vance, fourteen years	Yreka	Plum jelly	$1 50

FINE ARTS DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Aggie Vance	Yreka	Oil painting	$10 00
Mary Wetzel	Yreka	Water color	$5 00
Mary Wetzel	Yreka	Decorated china	$10 00
Mrs. Freid	Yreka	First premium cut flowers	$2 50
Mrs. S. F. Brown	Yreka	Second premium cut flowers	$1 00
Mrs F. Young	Yreka	First premium house plants	$5 00
Mrs. A. Wetzel	Yreka	Second premium house plants	$1 00
Mrs. S. F. Brown	Yreka	Best bouquet	$1 00
Mrs. A. H. Burrows	Yreka	Hanging basket	$1 00
Mrs. Pyle	Yreka	Foliage plants	$5 00

SPEED PROGRAMME.

WEDNESDAY, OCTOBER 1, 1884.

Race No. 1—Trotting.

Free for all. Mile heats, best three in five. Purse, three hundred dollars. First horse, two hundred dollars; second horse, one hundred dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Lady Clide, by Index	Al. Peacock	Yreka.
Alta, by Altamont	L. Swan	Yreka.
Zilophoue, by Altamont	L. Huseman	Yreka.

Position at Starting.	*Position at Close.*			
1. Lady Clide	Lady Clide	1	1	1
2. Alta	Alta	2	2	2
3. Zilophone	Zilophone	dis.		

Time—2:51; 3:00; 2:50.

Race No. 2—Running.

Free for all. Half mile and repeat. Purse, two hundred dollars. First horse, one hundred and twenty-five dollars; second horse, seventy-five dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Ketchum	J. M. Pruell	Alturas.
Harry B, by Pillbox	S. V. Rehart	Alturas.
Rock	James Muse	Fort Jones.
Jim Lick, by Haddington	J. R. Nebeker	Alturas.

Position at Starting.	*Position at Close.*		
1. Ketchum	Jim Lick	1	1
2. Rock	Harry B	2	2
3. Jim Lick	Ketchum	3	dis.
4. Harry B	Rock	dis.	

Time—0:50; 0:56.

THURSDAY, OCTOBER 2, 1884.

Race No. 3—Trotting.

Free for all two-year olds owned in the district. Mile heats, best two in three. Purse, one hundred and fifty dollars. First horse, one hundred dollars; second horse, fifty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Jay B, by Altamont	C. S. Moore	Butte Creek.
Belle C, by Curtis	Wm. Eckhart	Yreka.
Honest Mike	J. P. Wood	Fort Jones.

RACE No. 3—Continued.

Position at Starting.	*Position at Close.*		
1. Belle C	Belle C	1	1
2. Honest Mike	Jay B	2	2
3. Jay B	Honest Mike	3	3

Time—3:39½; 3:33.

RACE No. 4—RUNNING.

Free for all. Dash of one mile and a quarter. Purse, two hundred dollars. First horse, one hundred and twenty-five dollars; second horse, seventy-five dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Jim Lick, by Haddington	J. R. Nebeker	Jacksonville, Or.
Harry B, by Pillbox	S. V. Rehart	Alturas.
Kitty Clyde	J. Hollenbeck	

Position at Starting.	*Position at Close.*	
1. Harry B	Harry B	1
2. Jim Lick	Jim Lick	2
3. Kitty Clyde	Kitty Clyde	dis.

Time—1:54 for one mile; 2:23½ for one and one quarter miles.

FRIDAY, OCTOBER 3, 1884.

LADIES' TOURNAMENT.

First prize, purse of thirty dollars. Second prize, purse of twenty dollars.

Name.	P. O. Address.	Award.
Miss Minnie Hoyt	Little Shasta	First Prize.
Miss Addie Warren	Yreka	Second Prize.

RACE No. 6—TROTTING.

Free for all horses owned in the district that have never beaten 2:50. Race, three in five. Purse, two hundred dollars. First horse, one hundred and twenty-five dollars; second horse, seventy-five dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Lady Clyde, by Index	Al. Peacock	Yreka.
Alta, by Altamont	L. Swan	Yreka.
Lily R	S. V. Rehart	Alturas.

Position at Starting.	*Position at Close.*			
1. Alta	Lady Clyde	1	1	1
2. Lady Clyde	Alta	2	2	2

Time—2:47; 2:43; 2:44.

SATURDAY, OCTOBER 4, 1884.

RACE NO. 7—RUNNING.

Free for all. Mile heats, two in three. Purse, three hundred dollars. First horse, two hundred dollars; second horse, one hundred dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Harry B, by Pillbox	S. V. Rehart	Alturas.
Jim Lick, by Haddington	J. R. Nebeker	Jacksonville, Or.
Dusty Bob	J. M. Pruit	Alturas.

Position at Starting.	*Position at Close.*		
1. Harry B	Jim Lick	1	1
2. Jim Lick	Harry B	2	2

Time—1:49; 1:51¾.

RACE NO. 8—TROTTING.

Free for all three-year olds and under owned in the district. Purse, two hundred dollars. First horse to receive one hundred and twenty-five dollars: second horse, seventy-five dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Fleta F, by Altamont	D. J. Feree	Linkville, Or.
Maggie May, by Siskiyou Boy	Wm. Eckhart	
Dyar	C. S. Moore	

Position at Starting.	*Position at Close.*		
1. Fleta F	Fleta F	1	1
2. Maggie May	Maggie May	2	2

Time—3:26; 3:18.

TRANSACTIONS

OF THE

ELEVENTH DISTRICT AGRICULTURAL ASSOCIATION

For the Year 1884,

Composed of the Counties of Plumas, Lassen, Sierra, and Modoc.

OFFICERS OF THE ASSOCIATION.

JOHN HARDGRAVE ..... President.
J. R. MURRAY ..... Secretary.
GEORGE STANDART ..... Treasurer.

DIRECTORS.

JOHN HARDGRAVE ..... Taylorville.
D. R. CATE ..... Quincy.
A. J. FORD ..... Taylorville.
W. D. FLETCHER ..... Greenville.
E. D. SPENCER ..... Susanville.
J. W. THOMPSON ..... Quincy.
D. B. KEYES ..... Loyalton.
JOHN McBETH ..... Greenville.

REPORT.

QUINCY, October 28, 1884.

To the honorable the State Board of Agriculture:

GENTLEMEN: The Directors of the Eleventh District Agricultural Association submit this, their report of the transactions of said association, for the year ending this date.

J. R. MURRAY, Secretary.

RECEIPTS AND EXPENDITURES.

Receipts.

By balance from 1883	$696 30	
By subscription	2,220 00	
By State appropriation	1,200 00	
By privileges	390 50	
From ball	226 50	
By license	21 00	
By tickets	620 00	
By gate and door money	491 20	
By entrance money	1,155 00	
		$7,020 50

Expenditures.

To National Trotting Association	$56 00	
To purses	3,015 00	
To premiums	1,641 75	
To music	467 00	
To Secretary	100 00	
To expense of track and pavilion	1,513 14	
To balance on hand	227 61	
		$7,020 50

PREMIUMS AWARDED—1884.

FIRST DEPARTMENT.

Live Stock.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
CLASS I—THOROUGHBRED HORSES.				
	Joe Dyson	Sierra Valley	Lige Clark	$25 00
	Joe Dyson	Sierra Valley	Snuffbox	$25 00
	W. Henderson	Sierraville	Nellie	$20 00
HORSES OF ALL WORK.				
	Isaac Hall	Greenville	David Hill 3d	$25 00
	S. C. Banta	Greenville	Kanuck	$10 00
Best stallion one year old	N. B. Forgay	Greenville	Dave	$15 00
Best stallion two years old	C. H. Lawrence	Greenville	Fred	$10 00
Best mare three years old	J. M. Cadle	Greenville	May	$20 00
Second best mare three years old	R. W. Hough	Taylorville	Bess	$15 00
Best mare two years old	James Taylor	Taylorville	Lucy	$15 00
Second best mare two years old	H. McCutcheon	Taylorville	Dollie H	$10 00
Best mare one year old	John Hickerson	Greenville	Mollie	$15 00
Second best mare one year old	J. M. Cadle	Greenville	Jina	$10 00
Best mare and colt	John McBeth	Greenville	Lucy	$20 00
Second best mare and colt	John Hickerson	Greenville	Carrie 2d	$10 00
Best mare and two colts	J. M. Cadle	Greenville	Puss	$20 00
Second best mare and two colts	S. C. Banta	Greenville	Puss 2d	$10 00
Best suckling colt	S. C. Banta	Greenville	John Logan	$10 00
Second best suckling colt	Isaac Hall	Greenville	Martin	$5 00
ROADSTERS.				
Best stallion	C. H. Lawrence	Greenville	Wm. Tell	$20 00
Second best stallion	C. H. Lawrence	Greenville	Maxwell	$10 00
Best gelding	J. S. Bransford	Greenville	Genesee	$20 00
Second best gelding	C. H. Lawrence	Greenville	Garret	$10 00

Best mare	J. S. Carter	Crescent Mills	Laura S	$20 00
Second best mare	Jas. Taylor	Taylorville	Kittie	$10 00
DRAFT HORSES.				
Best stallion three years old	G. W. Perry	Sierraville	Lord Clyde	$25 00
Second best stallion three years old	R. W. Hough	Taylorville	Billie	$15 00
Best stallion two years old	A. Bacher	Taylorville	Pathfinder	$15 00
Best stallion one year old	A. Bacher	Taylorville	Jim	$15 00
Second best stallion one year old	A. Bacher	Taylorville	Bill	$10 00
Best mare three years old and over	J. M. Cadle	Greenville	Susie	$20 00
Second best mare three years old and over	A. Bacher	Taylorville	Fannie	$15 00
Best mare two years old and over	E. D. Hosselkus	Genesee	Glory	$15 00
Second best mare two years old	J. M. Cadle	Greenville	Mariah	$10 00
CARRIAGE HORSES.				
Best carriage team	E. P. Smith	Taylorville	Belle and Tom	$20 00
Second best carriage team	D. McIntyre	Greenville	Plumas and Tom	$10 00
Best draft team	R. W. Hough	Taylorville	Billie and Jim	$25 00
DURHAM CATTLE.				
Best bull	W. T. Peters	Taylorville	Hayes	$25 00
Best cow	R. S. Flournoy	Genesee	Thorndale Rose	$15 00
Second best cow	E. D. Hosselkus	Genesee	Frantic Lawn 26th	$10 00
Best heifer one year old	E. D. Hosselkus	Genesee	Matilda 8th	$10 00
GRADED CATTLE.				
Best bull three years old and over	R. Thompson	Taylorville	Garfield	$15 00
Second best bull three years old and over	W. T. Peters	Taylorville	Abe	$10 00
Best cow three years old and over	Isaac Hall	Greenville	Hannah Ulch	$15 00
Second best cow three years old and over	Isaac Hall	Greenville	Lady Washington	$10 00
Best cow two years old	R. W. Hough	Taylorville	No name	$10 00
Second best cow two years old	Isaac Hall	Greenville	Rosie	$5 00
Best cow one year old	Perry Bros.	Greenville	Jane	$10 00
Second best cow one year old	R. W. Hough	Taylorville	No name	$5 00
SHEEP.				
Best ram	James Taylor	Taylorville	Tom	$10 00
Best four	James Taylor	Taylorville		$10 00
Best ewe	N. B. Forgay	Greenville		$10 00
SWINE.				
Best boar	N. B. Forgay	Greenville	Chester White	$5 00
Best graded boar; Poland-China	John Smith	Greenville		$5 00

FIRST DEPARTMENT—Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
Best graded boar, Berkshire	H. McCutcheon	Taylorville		$5 00
Best sow, Chester-white	N. B. Forgay	Greenville		$5 00
Best sow, Poland-China	N. B. Forgay	Greenville		$5 00
Best graded sow, Poland-China	John Smith	Greenville		$5 00
Best four pigs	John Smith	Greenville		$2 50
POULTRY.				
Best ducks	R. S. Flournoy	Genesee		$2 50
Best turkeys	N. B. Forgay	Greenville		$5 00
Best Brown Leghorn chickens	John Hiekerson	Greenville		$5 00
Best Houdan chickens	E. D. Hosselkus	Genesee		$2 50
Best Plymouth Rocks	M. Knoll	Taylorville		$2 50

SECOND DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I—VEGETABLES.			
H. McCutcheon	Taylorville	Hubbard squash	$2 00
J. A. Ketchum	Greenville	Rutabaga	$2 00
J. A. Ketchum	Greenville	Red potato	$3 00
A. J. Hickerson	Greenville	Tomato	$2 00
R. M. Davidson	Greenville	Orange carrot	$2 00
R. M. Davidson	Greenville	Red turnip beet	$2 00
H. Huntington	Genesee	Red Rocco onion	$2 00
Green Mountain Mg. Co.	Crescent Mills	Long blood beet	$2 00
Green Mountain Mg. Co.	Crescent Mills	Mammoth squash	$2 00
J. G. Maxwell	Butterfly Val.	Keg pickles	$2 00
J. A. Hickerson	Greenville	Golden Tankard beet	$2 00
J. A. Hickerson	Greenville	Stonemason cabbage	$2 00
J. A. Hickerson	Greenville	Wakefield cabbage	$2 00
J. W. Thompson	Quincy	Celery	$2 00
Isaac Hall	Greenville	Pumpkin	$1 00
E. D. Hosselkus	Genesee	Mayflower potato	$2 00
E. D. Hosselkus	Genesee	Parsnip	$2 00
R. S. Flournoy	Genesee	Late Rose potato	$2 00
R. S. Flournoy	Genesee	Dunmore potato	$2 00
R. S. Flournoy	Genesee	Burbank Seedling potato	$2 00
Morris Smith	Quiney	Yellow Darwer onion	$2 00
R. W. Hough	Taylorville	Cauliflower	$2 00
R. W. Hough	Taylorville	Blue potato	$2 00
A. J. Ford	Taylorville	Harris cabbage	$2 00
J. G. Maxwell	Quiney	Sibley's Hybrid squash	$2 00
J. G. Maxwell	Quiney	Drumhead cabbage	$2 00
R. W. Hough	Taylorville	Savoy cabbage	$2 00
A. J. Ford	Taylorville	Red pickling cabbage	$2 00
CLASS II—FRUIT.			
R. S. Flournoy	Genesee	Six varieties apples	$10 00
R. S. Flournoy	Genesee	Three varieties apples	$5 00
Robert Martin	Creseent Mills	Two varieties plums	$5 00
R. S. Flournoy	Genesee	Display pears	$5 00
H. Williams	Greenville	Grapes	$3 00
CLASS III—CAKE, BREAD, AND BUTTER.			
Mrs. L. E. Lee	Greenville	Sponge cake	$2 00
Mrs. H. T. Firmstone	Greenville	Fruit cake	$3 00
Mrs. Geo. W. Perry	Greenville	Pound cake	$2 00
Mrs. R. W. Young	Crescent Mills	Bread, Indian Valley flour	$2 00
Mrs. Jos. Schieser	Greenville	Bread	$2 00
Mrs. I. E. Scott	Greenville	Bread, salt rising	$2 00
Mrs. I. E. Scott	Greenville	Cup eake	$3 00
Mrs. R. M. Davidson	Greenville	Biscuit, Indian Valley flour	$2 00
Miss Lulu Wilcox	Taylorville	Perfection eake	$2 00
Mrs. A. H. Anderson	Greenville	Fruit eake	$1 00
John McBeth	Greenville	Best certi'd ex. butter produet	$50 00
R. Stover	Prattville	2d best certi'd ex. butter product	$25 00
R. Stover	Prattville	Ten-pound roll butter	$10 00
H. McCutcheon	Taylorville	Ten-pound roll butter	$5 00
R. Stover	Prattville	Fifty-pound keg butter	$15 00
Mrs. Taylor	Taylorville	Fifty-pound keg butter	$10 00
John Hardgrave	Taylorville	Cheese	$10 00
Mrs. T. Treleaven	Greenville	Plate cookies	$2 00
CLASS III—CHILDREN'S DEPARTMENT.			
Miss Mary Schieser	Greenville	Sponge cake	$1 50
Miss Mary Hall	Greenville	Assortment of cakes	$3 00
Miss Mary Hall	Greenville	Plate biscuit	$1 50
Miss Annie Liggan	Greenville	Fruit eake	$3 00
Merrit Smith	Quiney	Assorted jellies	$2 00
Edie Peck	Greenville	Butter	$2 00

SECOND DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS IV—SEEDS.			
Mrs. Penman	Greenville	Timothy seed	$5 00
Perry Bros.	Greenville	Wheat in head	$5 00
R. Hough	Taylorville	Oats	$10 00
R. S. Flournoy	Genesee	Wild Goose rye	$5 00
A. J. Hickerson	Greenville	Cottingham wheat	$10 00
I. E. Scott	Greenville	Red top seed	$5 00
CLASS V—JELLIES AND PRESERVES.			
H. McCutcheon	Taylorville	Box canned fruit	$4 00
Mrs. L. E. Lee	Greenville	Peach preserves	$2 00
Mrs. L. E. Lee	Greenville	Plum preserves	$2 00
Mrs. L. E. Lee	Greenville	Tomato preserves	$2 00
Mrs. C. U. Stevens	Greenville	Raspberry jam	$2 00
Mrs. L. E. Lee	Greenville	Grape jelly	$2 00
Mrs. W. T. Peters	Taylorville	Black currant jelly	$2 00
Mrs. R. Thompson	Taylorville	Strawberry jelly	$2 00
Mrs. R. Thompson	Taylorville	Raspberry jelly	$2 00
Mrs. Jane Rodgers	Crescent Mills	Wild gooseberry jelly	$2 00
Mrs. R. Thompson	Taylorville	Wild plum jelly	$2 00
Mrs. R. Thompson	Taylorville	Apple jelly	$2 00
Mrs. L. E. Lee	Greenville	Gooseberry jelly	$2 00
Mrs. J. A. Ketchum	Greenville	Grape jelly	$2 00
Mrs. L. E. Lee	Greenville	Elderberry jelly	$2 00
Mrs. Thos. Treleaven	Greenville	Tomato catsup	$2 00
Mrs. L. E. Lee	Greenville	Pickles, four varieties	$3 00
Mrs. L. E. Lee	Greenville	Dried apples	$2 00
Mrs. L. E. Lee	Greenville	Dried corn	$2 00
Mrs. L. E. Lee	Greenville	Dried green peas	$2 00
Mrs. L. E. Lee	Greenville	Dried green beans	$2 00
Mrs. J. A. Ketchum	Greenville	Cucumber pickles	$1 50
Mrs. J. J. Fisher	Greenville	Blackberry jelly	$2 00
Mrs. J. J. Fisher	Greenville	Black currant jelly	$2 00
Mrs. Morris Smith	Quincy	Crabapple jelly	$2 00
Mrs. J. R. Murray	Greenville	Crabapple jam	$2 00
Mrs. J. W. Thompson	Quincy	Dried apples	$2 00
Mrs. C. U. Stevens	Greenville	Preserved strawberries	$2 00
Mrs. E. D. Hosselkus	Genesee	Dried pears	$2 00
Miss Maggie Flournoy	Genesee	Black currant jelly	$2 00
Mrs. A. J. Hickerson	Greenville	Honey	$2 50
Mrs. T. Treleaven	Greenville	Jar peach preserves	$2 00
CLASS VI—HOUSEHOLD FABRICS.			
Mrs. Annie Geiss	Crescent Mills	Knitted stockings	$1 50
Mrs. L. E. Lee	Greenville	Chemise—yoke and sleeves	$1 50
Mrs. J. A. Hickerson	Greenville	Rag carpet	$5 00
Mrs. R. Thompson	Taylorville	Drawn rug	$3 00
Mrs. H. T. Firmstone	Greenville	Drawn rug	$2 00
Mrs. May Perry	Greenville	Braided rug	$3 00
Mrs. Isaac Hall	Greenville	Cotton shirt	$1 50
Mrs. H. T. Firmstone	Greenville	Boy's clothes	$3 00
Mrs. M. F. Levy	Quincy	Child's dress	$3 00
Mrs. Jane Edwards	Quincy	Gent's shirt	$2 50
Mrs. Geo. Standart	Greenville	Comfort	$1 50
Mrs. Wm. Short	Greenville	Knitted wool socks	$1 50
Mrs. E. D. Hosselkus	Genesee	Woolen comforter	$1 50
Mrs. May Perry	Greenville	Wool gloves	$1 00
Mrs. May Perry	Greenville	Cotton quilt	$5 00
Mrs. Morris Smith	Quincy	Child's patched garment	$1 00
Mrs. Morris Smith	Quincy	Worsted quilt	$4 00
Miss Maggie Flournoy	Genesee	Lady's dress	$10 00
Mrs. John McBeth	Greenville	Lady's dress	$7 50
Mrs. J. S. Hall	Crescent Mills	Fancy knit cotton stockings	$1 50
Miss Lulu Wilcox	Taylorville	Plain sewing	$1 00
Mrs. H. M. Barstow	Quincy	Silk quilt	$7 00

SECOND DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Mrs. M. J. Moyle	Greenville	Rag carpet	$2 50
Mrs. Tabor	Gibsonville	Silk quilt	$3 50
Mrs. B. Irving	Greenville	Lady's dress	$5 00
Mrs. D. McIntyre	Greenville	Child's set	$2 00
Mrs. Flora McIntyre	Greenville	Quilt	$2 50
Mrs. T. Treleaven	Greenville	Gent's shirt	$1 25
CLASS VII—EMBROIDERY.			
Mrs. George Standard	Greenville	Display canvas tidies	$2 00
Mrs. L. M. Evans	Taylorville	Knit tidy	$2 00
Mrs. Jane Edwards	Quincy	Crochet wool tidy	$2 00
Mrs. M. F. Levy	Quincy	Fancy tidy	$2 00
Miss P. Forgay	Greenville	Wool toilet set	$2 00
Miss S. A. Hardgrave	Taylorville	Cotton toilet set	$2 00
Mrs. J. R. Murray	Greenville	Slipper case	$2 00
Mrs. J. R. Murray	Greenville	Silk and chenille embroidery	$5 00
Mrs. Liggan	Greenville	Hemstitch	$3 00
Miss Carrie Thompson	Quincy	Applique work	$3 00
Mrs. Jane Edwards	Quincy	Fancy apron	$2 50
Miss Laura Short	Crescent Mills	Cross-stitch tidy	$2 00
Mrs. George Standard	Greenville	Fascinator	$2 00
Mrs. C. G. Rodgers	Crescent Mills	Sofa pillow	$2 00
Mrs. J. Gould	Gibsonville	Display crochet	$2 00
Mrs. R. Thompson	Taylorville	Java canvas tidy	$2 00
Mrs. Joseph Schieser	Greenville	Ladies' embroidered slippers	$1 50
Mrs. H. M. Barstow	Quincy	Crochet afghan	$2 00
Miss Rose Evans	Taylorville	Child's sack	$1 50
Mrs. E. D. Hosselkus	Genesee	Embroidered piano cover	$5 00
Mrs. E. D. Hosselkus	Genesee	Display silk embroidery	$5 00
Mrs. C. U. Stevens	Greenville	Display point lace	$5 00
Mrs. J. M. Merrilees	Greenville	Crochet shawl	$2 50
Mrs. R. Stover	Prattville	Crochet bedspread	$3 00
Mrs. George Perry	Greenville	Crochet pillowcase	$2 00
Mrs. Emma Proctor	Greenville	Gentleman's scarf	$2 00
Mrs. A. W. Keddie	Quincy	Crewel lambrequin	$5 00
Mrs. B. W. Barnes	La Porte	Kensington sofa pillow	$5 00
Miss Rose Evans	Taylorville	Braided pillow shams	$1 50
Mrs. M. C. Tabor	Gibsonville	Display kensington	$5 00
Mrs. J. A. Ketchum	Greenville	Braided blanket	$1 50
Miss Rose Evans	Taylorville	Pillow shams	$1 50
Mrs. Emma Proctor	Greenville	Ladies' scarf	$2 50
Mrs. C. H. Lawrence	Greenville	Pincushion	$1 50
Mrs. J. H. Whitlock	Quincy	Java tidy	$1 50
Miss Laura Short	Crescent Mills	Twine tidy	$1 50
Mrs. R. Thompson	Taylorville	Chair cushion	$1 50
Mrs. E. D. Hosselkus	Genesee	Embroidered saddle blanket	$3 00
Miss Dodie Thompson	Quincy	Decorated fan	$1 50
Mrs. H. T. Firmstone	Greenville	Macrame work	$1 50
Mrs. A. W. Keddie	Quincy	Sofa pillow	$2 50
Mrs. J. M. Merrilees	Greenville	Embroidered suspenders	$3 00
Mrs. J. Gould	Gibsonville	Display lace work	$5 00
Mrs. J. H. Whitlock	Quincy	Outline embroidery	$2 50
Mrs. J. H. Smith	Greenville	Linen embroidery	$2 00
Miss Lona Kaulback	Quincy	Woolen embroidery	$2 00
Mrs. J. D. Compton	Greenville	Crochet afghan	$2 00
Mrs. John Hardgrave	Taylorville	Gent's scarf	$2 50
CLASS VIII—CHILDREN'S DEPARTMENT.			
Miss Polly Hosselkus	Genesee	Hand sewing	$3 00
Miss Mary Hall	Greenville	Cotton skirt	$1 50
Miss Mary Hall	Greenville	Red flannel skirt	$1 50
Miss Mabel Harvey	Taylorville	Cardboard work	$2 00
Miss May Blood	Greenville	Crochet shawl	$2 00
Miss Susie Lee	Greenville	Collection birds' eggs	$1 00
Miss Susie Lee	Greenville	Child's dress	$2 00
Miss Edie Peck	Greenville	Cardboard work	$1 00

SECOND DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Miss Lona Kaulback	Quincy	Knitted worsted	$1 50
Miss Mary Hall	Greenville	Worsted crochet	$1 50
Miss Mary Schieser	Greenville	Lamp mat	$1 00
Miss Maggie Donnenwirth	Taylorville	Exhibit knit stockings	$1 50
Miss Annie Liggan	Greenville	Hemming and stitching	$1 00
Miss Belle McLear	Mohawk Va'y	Crochet shirt	$2 00
Miss Mary Schieser	Greenville	Crochet tidy	$1 00
Miss Annie Young	Crescent Mills	Crochet tidy	$1 00
Miss Mabel Peter	Taylorville	Buttonholes	$1 50
Miss Mabel Harvey	Taylorville	Darned stockings	$1 00
Miss Jessie McBeth	Greenville	Outline work	$2 00
Miss Cassie Standart	Greenville	Pincushion	$1 00
Ross Wilcox	Taylorville	Java canvas tidy	$1 00
Miss Molly Cadle	Greenville	Java canvas tidy	$1 00
Miss Hattie Raker	Greenville	Surpentine lace	$1 00
Miss Hattie Raker	Greenville	Silk quilt	$5 00
Miss May Blood	Greenville	Child's scarf	$1 50
Miss Mary Hall	Greenville	Child's dress	$1 00
Miss Annie Young	Crescent Mills	Wall pocket	$1 00
Miss Flora Burge	Taylorville	Agricultural wreath	$2 00
Forest, Benny, and E. Peck	Greenville	Collection baskets	$1 50
John Firmstone	Greenville	Scroll work	$2 00
Merrit Smith	Quincy	Tarlatan wreath	$1 50
Miss Benner	Prattville	Worsted wreath	$2 00
Miss Mary Hall	Greenville	Patchwork quilt	$4 00
Miss Annie Young	Crescent Mills	Macrame work	$1 00
Miss Maggie Liggan	Greenville	Buttonholes	$1 00
Miss Susie Lee	Greenville	Set underclothes	$6 00
Miss Lona Kaulback	Quincy	Knit wristlets	$1 00
Miss Maude McLear	Mohawk Va'y	Knit skirt	$2 00
Misses K. and D. Maxwell	Quincy	Ferns	$2 00
Miss Clara Walson	Prattville	Crochet shawl	$1 50
Miss Maud Wilcox	Taylorville	Crochet tidy	$1 00
CLASS IX—FLOWER DEPARTMENT.			
Mrs. S. A. H. Taylor	Taylorville	Collection fuchsias	$2 50
Mrs. S. A. H. Taylor	Taylorville	Blooming plants	$7 50
Mrs. H. T. Firmstone	Greenville	Blooming plants	$5 00
Mrs. H. T. Firmstone	Greenville	Foliage plants	$2 50
Mrs. S. A. H. Taylor	Taylorville	Cut flowers	$2 00
CLASS X—PAINTING, ORNAMENTAL, ETC.			
Miss Amy Lee	Greenville	Group picture frames	$3 00
Miss Carrie Thompson	Quincy	Exhibit china painting	$5 00
Miss Dodie Thompson	Quincy	Water color painting	$5 00
Miss Carrie Thompson	Quincy	Best collection painting	$10 00
Mrs. A. R. Bidwell	Greenville	Ornamental fire screen	$2 00
Miss Bertha Bartling	Greenville	Ornamental painting	$5 00
Mrs. Geo. Perry	Greenville	Autumn leaves	$2 00
Miss May Ford	Taylorville	Wax flowers	$3 00
Miss Alice McDonald	Quincy	Pencil drawing	$3 00
Genesee School District	Genesee	Display drawing	$3 00
W. W. Blood	Greenville	Specimen penmanship	$2 00
Mrs. J. A. Ketchum	Greenville	Hair wreath	$2 00
A. H. Anderson	Greenville	Colored photograph views	$5 00
SPECIAL DEPARTMENT.			
J. J. Fisher	Greenville	Three butter firkins	$2 50
Wm. Stevens	Greenville	Display horseshoes	$5 00
Bidwell & Watson	Greenville	Machine work	$5 00
Bidwell & Watson	Greenville	Wood turning	$5 00
K. McLeod	Greenville	Four-spring wagon	$20 00
K. McLeod	Greenville	Top buggy	$15 00
F. G. Hail	Greenville	Ornamental painting	$10 00
Theo. Fortiner	Greenville	Single harness	$5 00

SECOND DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Theo. Fortiner	Greenville	Heavy team harness	$10 00
Theo. Fortiner	Greenville	Double buggy harness	$10 00
Theo. Fortiner	Greenville	Lady's saddle	$5 00
G. W. Aylesworth	Greenville	Furniture, home manufacture	$15 00
J. J. Fisher	Greenville	Beehive	$3 00
A. R. Bidwell	Greenville	Patent brake block	$2 50
Mrs. C. S. Kendall	Genesee Val'y	Oil painting (flowers)	$5 00
MINERALS, METALS, FOSSILS, ETC.			
W. G. Lamb	Crescent Mills	Gold ores	$5 00
W. G. Lamb	Crescent Mills	Silver ores	$5 00
W. G. Lamb	Crescent Mills	Copper ores	$5 00
F. G. Hail	Greenville	Minerals, metals, fossils, etc.	$15 00

GLASS BALL SHOOTING.

R. L. Bell, Quincy	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	1	1—14
J. M. Merrilees, Greenville	1	1	1	0	1	0	0	1	1	1	0	1	0	1	1	1	1	1	1	1—15
W. D. Newman, Sierra V'y	1	1	1	1	1	0	1	0	1	0	1	1	0	1	1	0	1	1	1	1—15
A. Newman, Sierra Valley	0	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	1	1	1	1—16
W. Henderson, Sierra V'y	0	0	0	0	1	1	1	0	0	0	1	1	0	1	1	0	0	0	0	0—7
T. H. Barnard, Chico	1	0	1	1	0	0	0	1	0	1	1	1	0	0	0	1	0	1	0	0—9
T. Lowrey, Greenville	1	1	1	1	1	1	0	1	0	1	0	1	0	0	0	1	0	0	0	1—11

SPEED PROGRAMME.

MONDAY, SEPTEMBER 29, 1884.

RACE NO. 1—TROTTING.

Mile heats, three in five, to harness.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Tom, pedigree unknown	D. McIntyre	Greenville.
Belle, pedigree unknown	E. P. Smith	Taylorville.
Genesee, pedigree unknown	Geo. Doherty	Crescent Mills.

Position at Starting.	*Position at Close.*				
1. Belle	Tom	3	1	1	1
2. Genesee	Genesee	2	2	2	2
3. Tom	Belle	1	3	3	3

Time—3:23½; 3:04½; 3:11½; 3:09.

RACE NO. 2—RUNNING.

Mile heats, three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Nell Banta, pedigree unknown	C. W. Cole	Greenville.
Snuffbox, by Ballotbox; dam, by Lodi	Jo. Dyson	Sierra Valley.
Overland Pat, by Norfolk; dam, by Belmont	D. D. Newman	Sierra Valley.
Lige Clark	Jo. Dyson	Sierra Valley.

Position at Starting.	*Position at Close.*			
1. Nell Banta	Snuffbox	2	1	1
2. Snuffbox	Overland Pat	3	2	2
3. Overland Pat	Nell Banta	1	3	dis.

TUESDAY, SEPTEMBER 30, 1884.

RACE NO. 3—TROTTING.

For two-year old district colts. Mile heats, two in three.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Laura S, pedigree unknown	J. S. Carter	Crescent Mills.
Fred, by Sherman, by Echo; dam, by Blackbird	C. H. Lawrence	Greenville.
Maud	H. M. Kingsbury	Quincy.

Position at Starting.	*Position at Close.*		
1. Laura S	Fred	1	1
2. Fred	Laura S	2	2

Time—4:18; 4:15.

RACE NO. 4—TROTTING.

Free for all. Mile heats, three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Wm. Crabb, pedigree unknown	L. W. Lee	Reno.
May Queen, by Messenger; dam, by Belmont	C. W. Gleason	Colusa.
Ralph, pedigree unknown	J. D. Byers	Janesville.

Position at Starting.	*Position at Close.*			
1. Wm. Crabb	Wm. Crabb	1	1	1
2. May Queen	May Queen	2	2	2

Time—2:52; 2:41; 2:43.

RACE NO. 5—RUNNING.

For district horses. Half-mile heats, two in three.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Dollie C, unknown	George Basil	Susanville.
Nellie Banta, unknown	C. W. Cole	Greenville.
Snuffbox, by Ballotbox; dam, by Lodi	Jo. Dyson	Sierra Valley.
Nellie, by Snuffbox; dam, unknown	W. Henderson	Sierra Valley.

Position at Starting.	*Position at Close.*			
1. Nellie	Dollie C	1	2	1
2. Dollie C	Nellie	2	1	2
3. Snuffbox	Snuffbox	3	3	3

Time—0:55; 0:52½; 0:52.

RACE NO. 6—TROTTING.

For single teams in district. Mile heats, three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Genesee, unknown	J. S. Bransford	Greenville.
Plumas, by Plumas; dam, unknown	D. McIntyre	Greenville.

Position at Starting.	*Position at Close.*					
1. Plumas	Plumas	1	2	2	1	1
2. Genesee	Genesee	2	1	1	2	2

Time—3:08; 3:08; 3:07; 3:07½; 3:09½.

WEDNESDAY, OCTOBER 1, 1884.

RACE NO. 7—TROTTING.

For all. Mile heats, three in five.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
May Queen, by Messenger; dam, by Belmont	C. W. Gleason	Colusa.
Wm. Tell, by Plumas; dam, by J. Patterson	C. H. Lawrence	Greenville.
Wm. Crabb; unknown	L. W. Lee	Reno.
Duster	J. O. Hender	Greenville.

RACE No. 7—Continued.

Position at Starting.	*Position at Close.*				
1. Wm. Crabb	Wm. Crabb	1	2	1	1
2. Wm. Tell	May Queen	2	1	2	2
3. May Queen	Wm. Tell	3	3	3	3

Time—2:42½; 2:39½; 2:41½; 2:43.

RACE No. 8—RUNNING.

For all. Three-quarter mile heats, two in three.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Panama	George Small	Oroville.
Nellie Banta	C. W. Cole	Greenville.
Snuffbox, by Ballotbox; dam, by Lodi	Jo. Dyson	Sierra Valley.
Jubilee, by Norfolk; dam, by Lodi	Tom. Hazlet	Maxwell.
Conquest	D. D. Newman	Sierra Valley.

Position at Starting.	*Position at Close.*				
1. Panama	Snuffbox	3	3	1	2	1
2. Snuffbox	Jubilee	2	2	2	1	2
3. Jubilee	Conquest	4	1	3	3	3
4. Conquest	Panama	1	4	dis.		

Time—1:20½; 1:21; 1:24; 1:20; 1:20¼.

RACE No. 9—RUNNING.

One-quarter mile heats. Two in three. For all.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Dollie C, unknown	George Basil	Susanville.
Butcher Boy, unknown	E. P. Smith	Taylorville.
Johnny Moore, unknown	Thomas Hazlet	Colusa.
Nellie, by Snuffbox; dam, unknown	W. Henderson	Sierra Valley.

Position at Starting.	*Position at Close.*		
1. Dollie C	Dollie C	1	1
2. Butcher Boy	Butcher Boy	2	3
3. Nellie	Nellie	3	2

Time—0:24½; 0:24½.

THURSDAY, OCTOBER 2, 1884.

RACE No. 10—TROTTING.

Mile heats. Three in five. For all.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
William Tell, by Plumas; dam, J. Patterson	C. H. Lawrence	Greenville.
May Queen, by Messenger; dam, by Belmont	C. W. Gleason	Colusa.
Duster, by Tilton Almont; dam, Belmont	J. O. Hendler	Greenville.

Position at Starting.	*Position at Close.*			
1. May Queen	May Queen	1	1	1
2. William Tell	William Tell	2	2	2

Time—2:47½; 2:47½; 2:42.

RACE NO. 11—RUNNING.

One mile. For all.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Panama, by Shannon; dam, Abbie W	George Small	Oroville.
Nellie Banta, unknown	C. W. Cole	Greenville.
Lige Clark	Jo. Dyson	Sierra Valley.
Jubilee, by Norfolk; dam, by Lodi	Thomas Hazlet	Maxwell.
Nellie	W. Henderson	Sierra Valley.

Position at Starting.	*Position at Close.*	
1. Lige Clark	Jubilee	1
2. Jubilee	Nellie Banta	2
3. Nellie Banta	Panama	3
4. Nellie	Lige Clark	4
5. Panama	Nellie	5

Time—1:48½.

RACE NO. 12—TROTTING.

One mile. Go as you please—to make nearest 4:30. For all.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Barney, unknown	J. R. Murray	Greenville.
Bess, unknown	J. S. Hall	Greenville.
Austin, unknown	D. McIntyre	Greenville.
Plumas, unknown	J. Stevens	Greenville.
Taylorville, unknown	George Doherty	Greenville.
Bob, unknown	N. B. Forgay	Greenville.
Pedro, unknown	J. Freeman	Greenville.
Gold Dust and mate, unknown	C. H. Lawrence	Greenville.
Tom and Bill, unknown	C. G. Rodgers	Greenville.

Position at Starting.	*Position at Close.*	
1. Barney	Barney	1—4:27¾
2. Bess	Austin	2—4:26
3. Austin	Tom and Bill	3—4:23
4. Plumas	Bess	4—4:44
5. Taylorville	Plumas	5—4:21
6. Bob	Taylorville	6—4:08
7. Pedro	Bob	7—4:22
8. Gold Dust and mate	Gold Dust and mate	8—4:43
9. Tom and Bill	Pedro	9—3:43

FRIDAY, OCTOBER 3, 1884.

RACE NO. 13—TROTTING.

For district colts, three years old. Mile heats, two in three.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Isaac M	George Doherty	Crescent.
Garret, by Plumas; dam, Mrs. Ashley	J. Q. Anderson	Greenville.
Maxwell, by Wm. Tell; dam, by Belmont	C. H. Garrett	Greenville.

RACE NO. 13—Continued.

Position at Starting.	*Position at Close.*			
1. Isaac M	Maxwell	2	1	1
2. Maxwell	Isaac M	1	2	2
3. Garret	Garret	3	3	3

Time—3:17; 3:16; 3:17½.

RACE NO. 14—RUNNING.

For all. Two-mile heats, two in three.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Panama, by Shannon; dam, Abbie W	George Small	Oroville.
Snuffbox, by Ballotbox; dam, by Lodi	Jo. Dyson	Sierra Valley.
Overland Pat, by Norfolk; dam, bl'k m. by Belmont	D. D. Newman	Sierra Valley.
Jubilee, by Norfolk; dam, by Lodi	Tom. Hazlet	Maxwell.

Position at Starting.	*Position at Close.*		
1. Snuffbox	Snuffbox	1	1
2. Jubilee	Overland Pat	2	2
3. Overland Pat	Jubilee	dis.	

Time—3:51½; 3:53½.

RACE NO. 15—TROTTING.

District double teams. Mile heats, two in three.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Plumas and Tom; Plumas, by Plumas; dam, unknown; Tom, unknown	D. McIntyre	Greenville.
Kate and Mollie, unknown	D. D. Newman	Sierra Valley.
Tom S and Belle, unknown	E. P. Smith	Taylorville.

Position at Starting.	*Position at Close.*		
1. Kate and Mollie	Plumas and Tom	1	1
2. Plumas and Tom	Kate and Mollie	2	2

Time—3:17; 3:14½.

THURSDAY, OCTOBER 2, 1884.

LADIES' EQUESTRIANSHIP.

Name.	P. O. Address.
Mrs. Miles	Grasshopper.
Miss Ida Clark	Greenville.
Miss Ella Clark	Greenville.

Position at Close.	
Miss Ella Clark	1
Mrs. Miles	2
Miss Ida Clark	3

TRANSACTIONS

OF THE

TWELFTH DISTRICT AGRICULTURAL ASSOCIATION

For the Year 1884,

Composed of the Counties of Lake and Mendocino.

OFFICERS OF THE ASSOCIATION.

L. G. SIMMONS ..... President.
J. R. COOK ..... Secretary.
DAVID WILLIAMS ..... Treasurer.

DIRECTORS.

L. G. SIMMONS ..... Lakeport.
G. SCUDAMORE ..... Lakeport.
J. H. RENFROE ..... Lakeport.
R. F. MILES ..... Lower Lake.
B. B. CAPPEL ..... Willits.
P. T. MUIR ..... Willits.
H. WILLIT ..... Willits.
E. C. BUELL ..... Willits.

REPORT.

LAKEPORT, March 17, 1885.

To the honorable the State Board of Agriculture:

GENTLEMEN: The Directors of the Twelfth District Agricultural Association submit this, their report of the transactions of said association, for the year ending this date.

JNO. R. COOK, Secretary.

RECEIPTS AND EXPENDITURES.

Receipts.

Membership tickets	$570 00	
Privileges	455 50	
Entrance to races	320 00	
Gates	1,160 50	
Hay and grain sold	88 10	
Net proceeds from ball	107 00	
Lumber sold	20 00	
Donated by Secretary	72 35	
Received from State	800 00	
		$3,593 45

Expenditures.

Bills for lumber, nails, hardware, and other building material	$624 72	
Bills for labor, carpenters, bricklayers, and labor on track	730 41	
Bills for clerks, doorkeepers, marshals, etc.	167 50	
Bill for power pump	145 60	
Bill for music	175 00	
Bills for printing, advertising, and stationery	259 35	
Bills for hay, straw, and oats	221 67	
Bills for purses	890 00	
Bills for premiums for best lady rider and hurdle riders	64 00	
Bill for salary of Secretary	50 00	
Bills for premium list	550 00	
Bills for postage stamps	3 00	
Bills for expense of getting State warrant	3 50	
		$3,884 75
Balance		291 30
		$3,593 45

Assets.

Due society from S. E. Cooper, for pool privileges	$57 58
Due society from other sources	125 00
	$182 58

ADDRESS.

DELIVERED BY R. K. NICHOLS, ESQ., AT THE OPENING OF THE FAIR, SEPTEMBER 23, 1884.

When the fathers of man came from the distant East, from the center of the earth, from the sources of the three sacred rivers, the prehistoric Iran, they came bringing with them the history of the world before the flood. They issued forth to tame, to reclaim, to subjugate, by the arts of husbandry, an unknown, an unexplored, a virgin land. With them agriculture, yet in its puling infancy, was crude and insufficient. They acquired their first knowledge of the reproductive powers of the earth by simple observations of the workings of nature. There was something mysterious, supernatural, to their simple, untaught minds, in nature's fructifying power. Recognizing the action of unknown forces, they ascribed the sprouting, growth, and productive qualities of trees and plants directly to their gods. They believed that the gods, in person, partook of the labors and pleasures of the field, hallowed them by their presence, directed them by their instructions. Agriculture, in all its branches, was under the immediate supervision and protection of their deities. Yearly, with solemn rites, did the ancient husbandman present his first, best fruits, a votive offering, on the altar of his god. A pious custom, perpetuated to historic ages. For do we not read in the "Book of the Law," that the chosen people were commanded, yearly, to bring a sheaf of the first fruits of their harvest to wave before the Lord?

In these later times, as civilized man has advanced in the "march of progress," we have lost our veneration for many of the ancient customs, and proven the falsity of others. Yet, even to us, with all our pride of increased knowledge, after all our researches in chemistry and botany, to us, in many ways, nature is yet a sealed book. We can only acquire a knowledge of her economy by observation, comparing one with the other, and thence drawing deductions for the general good. For this purpose we have Agricultural Fairs. For this reason, mutual improvement, derived from observation and comparison of our first, best fruits, have the members of the Twelfth Agricultural District of California assembled together on this occasion, at this convenient, well appointed, and beautiful place. Beautiful, indeed, it is, both to the eye and sense, as, with one sweep of the vision, we behold the towering summits, where thunders sleep and lightnings play, before us the open lake, and in the distance the broad, alluvial plains, golden with the harvest, rich with happy homes and an industrious population. Here we bring our samples of first, best fruits, and offer them upon the altar of judicious observation, that, by honest comparison, all may be benefited by the experience, labors, and success of each. We have here presented the results of our mechanical industries—the fruits of forest, field, and farm; all are represented—our orchards, vineyards, grain fields, hop yards, stock, sheep, and horses.

The horse—that tried, trusty, faithful servant of man, that "mocketh at fear, and is not affrighted"—what more beautiful object is there, in the animal kingdom, than the pure thoroughbred? Who can but admire him? Notice those delicate limbs, almost too dainty for the ground they touch but to spurn; slender, yet as strong and supple as steel; a well rounded body, every muscle swelling, instinct with glorious exuberant life; a mighty chest, curtained by a mane, soft and wavy as a maiden's locks; a proudly arching neck, small head, and luminous eyes. Those large bright eyes, soft and inquisitive as a deer's, how plainly, as with pointed ears, distended nostril, quivering lip, he reaches out and hesitatingly touches you, do they ask: who are you, friend or foe? But with all their beauty, love them as we may, the pretty, swift thoroughbreds are not suited to all work. We farmers must have horses adapted and framed by nature for the service to which we wish to devote them. For speed, the oblique shoulders and high withers; for draft, the wide chest and frame, roomy in all directions, weight and strength being more desirable than speed. In purchasing or breeding horses, first decide for what kind of work we will use the animal, then act accordingly. The old Arabian rule is as true to-day as it was thousands of years ago—"the foal follows the sire." Every farmer should raise and break his own teams. Raised on the ranch, they are at home, more tractable, and, consequently, easily handled. A colt or two on the farm are of but little trouble, and the expense of keeping is merely nominal. It helps out the store bills wonderfully if we have a two-hundred dollar horse to sell every year or so. From present appearances there is no danger of the market becoming overstocked with sound, strong, draft animals.

When we reflect that in 1880 there were more than 4,000,000 sheep in this State, and that Mendocino County alone has over 300,000 sheep, and annually exports over 1,000,000 pounds of wool, it really seems as if some remarks were pertinent on the wool question. We raise sheep either for their wool or mutton, and hope to make a living and money out of the business. We are now suffering from a depression in our wool trade. We have continued, year after year, breeding up our sheep, until we have an exceptionally fine lot of wool sheep in this district, but, as far as my information goes, very light mutton sheep as a rule. Consequently, at a time like this, wool being depressed, our muttons being so light and ranking so low in the market, the sheep business does not pay, and the wool-growers suffer hard times. Have we not made a mistake in breeding altogether for wool? Leaving out of the case the consideration that the pure merino is too delicate an animal for our brush pastures and rough methods, that fine sheep cannot thrive with poor keeping, that they must be housed, fed, and protected during the Winter storms, would we not be more successful, have a surer income, if we raised a breed of sheep possessing both characteristics, mutton as well as wool? It is possible, by crossing large fine merinos with some of the best wooled mutton varieties, to obtain a cross by which good salable wool may be produced, and at the same time heavy muttons be grown. It certainly appears to be a wise policy to sacrifice the weight of our wool clips a little in the size and weight of our flocks. Good, fat heavy sheep are never a drug in the market—people must eat. Will it not pay us to give some attention to the bodies of our sheep, as well as to the woolly covering of their backs? A fine fat one hundred-pound wether will always bring a remunerative price.

To my surprise I find, on examination, that over one half of the cultivated land in Mendocino and Lake Counties is used for the production of grain; and, alas, that although the acreage sown is continually increasing the production does not keep pace with the acreage. Is it possible that this comparatively new county, fifty years ago almost unknown and unexplored, except by Lewis and Clarke and an occasional trapper, is wearing out? If so, what a sad commentary on our styles and methods of farming. The truth is, that the land, instead of being worked to death, is not half worked. Fields, that a few years ago thrashed fifty and sixty bushels of wheat to the acre, now yield us but twenty and even fifteen bushels. Hence, we say, "farming is a poor business," and "the land is worked out." The true difficulty is with the farmers—the land is all right. The nitrogen, phosphoric acid, potash, and other chemical ingredients necessary for vegetable life, are all in the soil, but the shallow manner in which we cultivate the land renders the plant food unavailable—it is dead capital. Labor is so high we cannot afford small crops. We must raise large crops in order that we may live. To do this, we must harvest our lands less frequently. I most earnestly advocate Summer fallowing, and deep thorough stirring of the soil. Stirring the soil is the basis of successful agriculture.

I mean Summer fallowing—not the Spring scratching system now in vogue, but a good deep plowing—just after the Winter rains, and two plowings at different times in the course of the next three or four months. The land will thus be more frequently exposed to the beneficial action of the atmosphere, and we will obtain greater returns from the same land on alternate years than we now receive by cropping it each year in succession.

We *must* do one of two things—wait on the land or else apply manure. But is grain farming the most profitable? High wages, high taxes, high priced land, necessitates high farming. By high farming I wish to be understood as recommending that judicious husbandry that causes to be produced the largest and most profitable crops with the smallest outlay..

I have but little patience with the slovenly economy that stores plows, thrashers, reapers, and all the farm machinery under a tree or in an open corral, for hen roosts and pig pens. No thrifty farmer will allow his tools to be exposed to the weather from one season to the other. As soon as the year's work is done he will clean up his header or reaper, have it repaired whilst he remembers which bolt is broken, or what box heats, put it away in a safe, dry place, and thus have it ready for the next season's work. It pays. Try it, some of you who cleave to the out-door system of storage, and see if your blacksmith's bill next year is not lighter than common.

But is wheat the most profitable crop we can raise? At the best we cannot expect to net over $20 per acre. Are there not more profitable uses to which we can devote our lands?

HOPS.

Many farmers in the district have engaged in the cultivation of hops. On favorable years they expect to clear from $200 to $700 an acre from their hop lands. There are thousands of acres of the best of hop land in Lake and Mendocino Counties as yet put to other farm uses, which I hope ere many months to see planted in hop vines.

They can be grown successfully on any land that will raise a good crop of corn. Select positions sheltered from heavy winds, and prepare your land thoroughly, for a hop yard should be permanent, and will be if you manure the yard every Spring, and, by repeated plowings, mix the dressing well with the soil. Remember, the hop plant must have lime. An admonition that should not fall unheeded, as it will not hurt some of you to sow a few bushels next year, judging from the result of my inspections.

SPECIAL CROPS.

From the westernmost point of Mendocino, beat upon by the surges of the ocean, to the eastern limit of Lake County, where the rushing, eddying waters of Cache Creek burst through the mighty cliffs of naked sandstone in their passage to the parched plains of Yolo—all over this immense district are fertile, well watered valleys, peculiarly adapted to the raising of special crops. Vegetables of all kinds, alfalfa, the sugar beet, and the much more easily grown and more profitable sorghum or Chinese sugar cane, a plant well suited to our climate and soil, rich in sugar, its cultivation no longer to be considered in the light of an experiment, as the researches and efforts of the Agricultural Department at Washington, as well as those of Doctor Collier, have fully demonstrated its practicability. In answer to the inevitable question, "will it pay?" I reply—the cultivation of any plant by which we can produce our own sugar, *must pay*. We consume annually fifty-seven pounds of sugar to each person in the United States, and of this vast amount only twelve per cent is grown on our own territory. Nearly sixty million of inhabitants, fifty-seven pounds of sugar to the person, and then compute for yourselves the huge proportions of our sugar trade, and decide if it will not pay to cultivate a plant that has been proven can be grown profitably on our soil and accomplish the desired results—satisfy the immense and continually increasing sugar demand.

The great tule fields along the borders of Clear Lake could be dyked, reclaimed, and devoted to the growth of rice, sorghum, and even the cranberry, with great gain to the grower and advantage of the whole community.

VINES.

Tourists traveling through our district, viewing the miles upon miles of rolling hills covered with manzanita and chemise, must wonder what use can be made of them to benefit the condition of man. On examining their structure, we ascertain that these same despised hills are composed of light soils, formed from igneau rocks deeply impregnated with iron, and are peculiarly suited to fruit trees and viticulture.

Actual thermometrical measurements, continued for a series of years, have shown that these hills, especially in Southern Lake, are in the so called thermal belt, being even from three to five degrees warmer than St. Helena, the great grape growing center of the State. Having the soil and climate, there is nothing to prevent these immense tracts of waste (?) hills being utilized for grape culture and fruit growing. Already has a commencement been made. At Middletown, Upper Lake, and Lower Lake there are hundreds of acres of thrifty, vigorous young vineyards growing upon hills that four years

ago were covered with chemise and the dens of the coyote and rattlesnake. There are vineyards that, for luxuriance of growth and abundance of yield can challenge the world, as they are rarely equaled and never excelled. Careful analysis of our products have been made, and our grapes found to possess the necessary properties and proportions. Nothing now remains but the application of intelligent labor to enable us to take the front rank among the grape growing countries of the world.

Here on every hand are thousands of acres especially prepared by nature for the growth of fruit trees and the finer varieties of the wine grape, awaiting the homesteader and preëmptor. Young men, this is your opportunity. A preëmption claim costs you but $200. Clear it up, plant it in suitable vines, care for them well, and in four years you have a property worth $300 an acre.

FRUIT TREES.

On some of your land plant the apple, pear, peach, prune; and be sure and not neglect the hitherto forgotten olive, a tree undoubtedly fitted for our soil and climate, as it flourishes best in warm, light, dry earth, and in a temperature averaging, as ours, 55 degrees F. The olive is a paying tree to grow, bearing at four years of age and coming to maturity at ten. A mature tree will yield five gallons of oil, pressed from the berries, that is worth from $5 to $10 a gallon. Planting these trees twenty feet apart, we have one hundred and eight to the acre, yielding us, annually, $540 an acre with but little cost or care.

We hardly remember the name of the eminent commander whose generalship and splendid success reduced the haughty Mithridates, a subject of the iron crown of Rome, but sixty generations of men gratefully remember the same general as that Lucullus, who introduced and assimilated the cherry to the climate of Europe. Whoever introduces a new fruit, or proves the adaptability of a new district to a hitherto untried variety, contributes to the salutary pleasure and profit, and will ever be gratefully remembered by unborn thousands of men.

FORESTRY.

Speaking of fruit trees brings to my mind another subject that demands the immediate attention of every citizen of the State as well as of this district. Statistics show that in these two counties—Mendocino and Lake—there are twenty-eight sawmills engaged in converting our forests into merchantable lumber.

Mendocino last year made over 53,000,000 feet of lumber and 15,000,000 shingles. Add to this the large number of trees yearly worked into railroad ties, shakes, and fencing, with the thousands of cords yearly cut for firewood, and we become astounded at the immense inroads that are being incessantly made upon our timber supply. Estimate, in addition to this necessary exhaustion, the losses arising from forest fires and willful and reckless wastefulness, then certainly the prospect for an approaching early scarcity of timber becomes alarming. Ten years from date, at the present rate of consumption, there will not be a saw log in Lake County. Not only must the greatest economy be used in order to preserve our timber supply, but there are graver, weightier climatic reasons. It is a fact, well attested, that a certain proportion of forest is requisite in all countries to pre-

serve existing climatic conditions. Cut off the timber and you increase the mean temperature of a district—cause a cold country to become more rigorous, and a warm one hotter and arid. Plant trees and the converse of the above results proves equally true. Asia Minor, now so dry and sterile, a few centuries ago, with the mountains and hillsides covered with the stately cedar and umbrageous oak, teemed with the most populous nations of antiquity.

Beautiful Granada, famed in story and song, her fertile plains verdant with the olive, date, and palm, her timber preserved by the stringent forestry laws of the Moors, is, to-day, denuded of her sylvan protection, dry and sterile. Ohio, New York, and Pennsylvania all bear evidence, by the increased rigor of their Winters, what consequences must follow the careless, thoughtless denuding of our arboriferous districts. In Europe forestry has become a science, sylvieulture is enforced and protected by the Government. In the United States the most beneficial results are already attendant upon the systematic tree planting in Kansas, Iowa, and a few other States.

On the Pacific Coast we are personally interested in this subject. Our forests are fast melting away, and no provision is being made for their renewal. We need our woods to save us from the parching droughts of Summer, or protect us from the devastation of sudden torrents in Winter. Trees are Nature's thermometers. The strong arm of the Government must be interposed to protect them. Thirty per cent of our acreage should be occupied by forests in order that we might have the proper climatic equipoise. I hope that our State Government will awaken to the necessity, and that our next Legislature will enact and provide for the enforcement of forestry laws, such as will protect and increase our timber preserves.

TRANSPORTATION.

Mountain-locked as we are, the question of transportation is an interesting and costly one to us. We need a railroad. In this country of magnificent distances, railroads, or some other equally speedy method of transportation are necessary to arouse into activity and sustain its internal industries. Financially unable ourselves to construct the road, we must then offer railroad builders suitable inducements. Not the bait of a subsidy, ground out of a heavily taxed community, but the better, more satisfactory, lasting inducements, of a paying business all along the route.

Men do not spend millions on railroads for amusement, but as an investment. If we but improve the opportunities kind Nature affords us, cultivate these hills and valleys, make the waste places "bloom and blossom as the rose," make business for a railroad with our grain, stock, fruit, wool, and wine, we will soon have the iron horse thundering through the gorges of Cache Creek, skimming along the shores of Clear Lake, and causing the mossy avenues of Mendocino's redwoods to reverberate with his whistle. The settlement of this question of transportation is very much in our own hands. We hold the key, and with our wives and boys can solve the problem.

LABOR.

True it is difficult to keep the boys on the farm. They look upon farm life as drudgery, and if we drag them around the ranch fifteen

and sixteen hours a day, who can blame them for escaping such slavish toil? Ten hours of good, sharp, vigorous work is all any man or boy should do in a day. Get up early, eat well, work well, quit well (at a Christian hour). Have your evenings at home, read and study the papers and good books, and teach your boys to do likewise. By the study of good books, and an habitual intercourse with noble and pure thoughts and ideas, they will become ennobled, become thinking men, better citizens, and better farmers. Prove to them that agriculture is an art, and must be followed as such. Show them the dignity of the calling; that the farmers of the United States hold in their hands one fourth of the wealth; that the nation depends on them for a living, every farmer in this broad land supporting thirteen individuals. Thus interest them in the work, pay them for what they do, and you will have no trouble in keeping the boys on the old place.

FARMERS' WIVES.

Above all, be cheerful about the house. Meet the wife with a smile. Her work is as hard as ours. She is invaluable, and does earnest work, with all her heart. She loves home cares. She identifies herself with her woman's life, duties, and hopes, and is always ready to give help and sympathy in times of trial. Surely it is our duty to lighten her labors, not to allow her to exhaust her strength or suffer nervous prostration. Have a care for the wife, for the low, dull pain of laborious work, never done too often, has stricken the already overburdened frame of the farmer's wife.

PERORATION.

In the beginning, when the progenitors of the race wrestled with the wilds of a virgin world, agriculture was the first and most important step in the path of their progress. In the last quarter of a century we, likewise, have carved out a new empire on the golden soil of California, and agriculture must be the basis of its future prosperity. For in the coming years, in the early morn, when the sun sheds redundant light over plain and peak, and the azure waters of our inland sea, scarce lisping up the sands, then the inquiring mind of posterity, viewing our work from the translucified peak of old Konockti, will judge us by the evidences of our husbandry, as the agriculture of a country affords the surest data for estimating the civilization, the character, aims, and practical virtues of its inhabitants.

PREMIUMS AWARDED—1884.

FIRST DEPARTMENT.

Live Stock.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
CLASS I—THOROUGHBREDS—STALLIONS.				
Best four years old and over	H. Willits	Willits	Ironwood	$10 00
MARES.				
Best four years old and over	J. W. Boggs	Lakeport	Minnie	$8 00
Best two years old and over	J. W. Boggs	Lakeport	Tilly B	$4 00
OTHER THAN THOROUGHBREDS.				
Best stallion and family	Henry Geer	Upper Lake	Cunard 2d	Diploma.
CLASS II—HORSES OF ALL WORK—STALLIONS.				
Best four years old and over	H. Willits	Willits	Hiram W	$10 00
Second best	George Ellis	Kelseyville	Raynard	$5 00
Best three years old	T. Morlan	Lower Lake	Comie	$8 00
Best suckling colt	C. C. Rice	Upper Lake	Patti R	$2 00
MARES.				
Best four years old and over	L. Saylor	Lakeport	Doll	$8 00
Second best	C. C. Rice	Upper Lake	Mollie	$4 00
Best three years old	D. M. Hanson	Lower Lake	Aileen	$6 00
Best suckling filly colt	J. E. Woolridge	Lakeport	Nettie	$2 00
CLASS III—DRAFT HORSES—STALLIONS.				
Best four years old and over	J. C. Hess	Lower Lake	Young Napoleon	$10 00
Second best	Jas. Miller	Upper Lake	St. Cloud	$5 00
Sweepstake	J. C. Hess	Lower Lake	Young Napoleon	Diploma.
MARES.				
Best four years old and over	Henry Dorr	Lakeport	Mollie McCarty	$8 00
Second best	J. Mendenhall	Upper Lake	Belle M	$4 00
Best three years old	Henry Geer	Upper Lake	Birdie G	$6 00

FIRST DEPARTMENT—Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
Best two years old	Henry Geer	Upper Lake	Kate G	$4 00
Best suckling filly colt	J. Mendenhall	Upper Lake	Mollie M	$2 00
Second best	J. Hill	Lakeport	Luey	$1 00
CLASS IV—ROADSTERS—STALLIONS.				
Best four years old and over	Geo. Ellis	Kelseyville	Black Ralph	$10 00
Best one year old	P. H. Thornton	Lakeport	Foxtail	$4 00
Best suckling filly colt	N. Graham	Upper Lake	Bright Eyes	$2 00
MARES.				
Best four years old and over	L. H. Gruwell	Lower Lake	Alta C	$8 00
Second best	Geo. Ellis	Kelseyville	Belle E	$4 00
Best suckling filly colt	G. W. Christie	Lakeport	Nettie	$1 00
CLASS V—CARRIAGE HORSES.				
Best matched span carriage horses	J. Spaulding.	Seigler Springs	John S and W I G	Fine whip.
Second best	R. K. Nichols	Lower Lake	Kittie and May	Whip.
CLASS VI—ROADSTER TEAMS.				
Best double team roadsters	L. G. Simmons	Lakeport	Kittie and Daisy	Fine whip.
Second best	Ben. Burke	Upper Lake	Nig and Ceylon	Whip.
CLASS VII—STANDARD TROTTERS—STALLIONS.				
Best three years old	A. G. Inman	Lakeport	Bartlett	Diploma.
Best two years old	M. Starr	Lakeport	Alexander, Jr.	Diploma.
Best suckling colt	L. G. Simmons	Lakeport	Lee S	Diploma.
MARES.				
Best four years old and over	T. Manning	Lakeport	Mattie Medium	Diploma.
Best three years old	J. W. Boggs	Lakeport	Bessie B	Diploma.
CLASS VIII—SADDLE HORSES.				
Best saddle horse	J. Marquette	Lakeport	Humboldt	Diploma,
CLASS IX—THOROUGHBRED CATTLE—DURHAMS.				
Best bull, two years old	T. G. Turner	Lower Lake	Wiley Oxford	$15 00
Best cow, three years old	L. G. Simmons	Lakeport	Kate	$10 00

JERSEYS.				
Best bull, two years old	T. Haycock	Lakeport	Andrew Jackson	$8 00
Best bull, one year old	D. O. Shattuck	Upper Lake	Milton S Latham	$6 00
Best cow, three years old	T. Haycock	Lakeport	Daisy	$8 00
CLASS X—GRADED CATTLE.				
Best heifer calf	D. O. Shattuck	Upper Lake	Mollie S	$2 00
SPECIAL CLASS—GRADED CATTLE.				
Best Devon and Jersey	D. O. Shattuck	Upper Lake	Latham	Diploma.
Best Durham and Ayrshire	Thos. Manning	Lakeport	Jumbo	Diploma.
Best Shorthorn, graded	T. G. Turner	Lower Lake	Dick	Diploma.
Best graded Durham	Ben. Burke	Upper Lake	Wright	Diploma.
CLASS XI—THOROUGHBRED SHEEP.				
Best French merino ram	R. K. Robinson	Lower Lake	Rubin	$10 00
Best pen three French merino ewes	W. H. Hutchinson	Lower Lake		$10 00
CLASS XV—POULTRY.				
Best pair Bronze turkeys	Mrs. L. Saylor	Lakeport		$3 00
Second best	Thos. Haycock	Lakeport		$2 00
Best pair Partridge-Cochins	L. E. Parrish	Lakeport		$2 00
Best pair Light Brahmas	L. E. Parrish	Lakeport		$2 00
Best pair Plymouth Rocks	L. E. Parrish	Lakeport		$2 00
Best pair White Leghorns	L. E. Parrish	Lakeport		$2 00
Best pair Seabright Bantams	L. E. Parrish	Lakeport		$2 00
Best pair Silver-spangled Hamburgs	L. E. Parrish	Lakeport		$2 00
Best pair Langshans	L. E. Parrish	Lakeport		$1 00
Best pair Pekin ducks	T. Haycock	Lakeport		$2 00
Second best	A. E. Banks	Lakeport		$1 00

SECOND DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS II—VEHICLES.			
Jas. Parrish & Son	Lakeport	Best pleasure cart	Diploma.
D. C. Nicoll	Lakeport	Best light open buggy	Diploma.
D. C. Nicoll	Lakeport	Best two-seated open wagon	Diploma.

THIRD DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I—NEEDLE, SHELL, AND WAXWORK.			
Misses Bradley & Chapman	Lakeport	Best display millinery	$2 00
Misses Bradley & Chapman	Lakeport	Best velvet bonnet	$2 00
Misses Bradley & Chapman	Lakeport	Best velvet hat	$2 00
Misses Bradley & Chapman	Lakeport	Best silk bonnet	$2 00
Misses Bradley & Chapman	Lakeport	Best display feathers	$2 00
Misses Bradley & Chapman	Lakeport	Best display artificial flowers	$2 00
Mrs. M. J. Arnold	Lakeport	Best specimen moss work	$2 00
Mrs. M. J. Arnold	Lakeport	Best specimen shell work	$2 00
Mrs. M. J. Arnold	Lakeport	Best specimen preserved flowers	$2 00
Mrs. M. J. Crumton	Lakeport	Best arraseno embroidery	$2 00
Mrs. M. J. Crumton	Lakeport	Best kensington embroidery	$2 00
Mrs. M. J. Crumton	Lakeport	Best silk embroidery	$2 00
Mrs. M. J. Crumton	Lakeport	Best child's afghan	$2 00
Mrs. M. Simpson	Lakeport	Best embroidered skirt	$2 00
Mrs. M. A. Stevens	Lakeport	Best patchwork quilt	$2 00
Mrs. B. Laycock	Lakeport	Best embroidered child's skirt	$2 00
Mrs. M. Reimus	Highland Sp's	Best dis. fancy work by lady	$2 00
Mrs. M. Reimus	Highland Sp's	Best dis. Turkish embroidery	$2 00
Mrs. M. Reimus	Highland Sp's	Best embroidered sofa cushion	$2 00
Mrs. M. Reimus	Highland Sp's	Best embroidered toilet set	$2 00
Mrs. C. W. Armstrong	Middleton	Best embroidered table cover	$2 00
Mrs. C. W. Armstrong	Middleton	Best chenille work	$2 00
Mrs. D. Tuttle	Willits	Best lace work	$2 00
Miss Eva Vaughn	Willits	Best silk quilt	$2 00
Miss Ella Lansing	Mendoci'o C'y	Best kensington work (9 pieces)	$2 00
Miss Ina Holliday	Blue Lakes	Best crochet shawl	$2 00
Mrs. L. Deming	Blue Lakes	Best outline embroidery	$2 00
Miss H. A. Bole	Kelseyville	Best display ornamental grasses	$2 00
Miss Etta Medberry	Kelseyville	Best lambrequin	$2 00
Miss Etta Medberry	Kelseyville	Best hearth rug	$2 00
CLASS II—JUVENILE DEPARTMENT.			
Miss W. Arnold	Lakeport	Best moss work	$2 00
Miss Maud Downing	Lakeport	Best crochet tidy	$2 00
Miss Carrie Slotterbeck	Lakeport	Best drawing by a minor	$2 00

FOURTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I—MECHANICAL INDUSTRY.			
E. Roethel	Lakeport	Best dis. men's boots and shoes	Diploma.
E. Roethel	Lakeport	Best pair dress boots	$3 00
E. Roethel	Lakeport	Best pair heavy boots	$2 50
E. Roethel	Lakeport	Best pair congress gaiters	$2 50
E. Roethel	Lakeport	Best pair dress shoes	$2 50
C. F. McHarvey	Lakeport	Best display saddles and bridles	Diploma.
C. F. McHarvey	Lakeport	Best display leather	Diploma.
C. F. McHarvey	Lakeport	Best set double harness	$5 00
C. F. McHarvey	Lakeport	Best set team harness	$5 00
C. F. McHarvey	Lakeport	Best display single harness	$5 00
C. F. McHarvey	Lakeport	Best display Mexican saddles	$2 50
CLASS IV—FURNITURE.			
J. Arnold	Lakeport	Best lounge	Diploma.
J. Arnold	Lakeport	Best bookcase	Diploma.
CLASS V — LIBERAL ARTS, PRINTING, LITHOGRAPHING, ETC.			
Dispatch and Democrat	Ukiah	Best dis. books and publishing	Diploma.
Dispatch and Democrat	Ukiah	Best specimen printing, book	Diploma.
Dispatch and Democrat	Ukiah	Best specimen printing, poster	Diploma.

FIFTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS II—FLOUR AND GRAIN.			
William Rose	Lakeport	Best sample hops	Diploma.
M. Starr	Lakeport	Best sample flour	Diploma.
J. Banks	Lakeport	Best sample Sonora wheat	$2 50
Ben. Burke	Upper Lake	Best sample white Chili wheat	$2 50
Ben. Burke	Upper Lake	Best sample barley	$2 50
L. Saylor	Lakeport	Best sample yellow corn	$2 00
H. Wamboldt & Bro.	Lakeport	Best exhibit garden seeds, California production	Diploma.
CLASS III—VEGETABLES, ROOTS, ETC.			
R. P. Eachus	Lakeport	Best six head cabbage	$2 00
E. P. Wray	Lakeport	Best six Hubbard squash	$2 00
E. P. Wray	Lakeport	Best six crookneck squash	$2 00
E. P. Wray	Lakeport	Best garden peas, dry	$2 00
E. P. Wray	Lakeport	Best six sugar beets	$2 00
W. C. Goldsmith	Lower Lake	Best red potatoes	$2 00
W. C. Goldsmith	Lower Lake	Best white potatoes	$2 00
W. C. Goldsmith	Lower Lake	Best and greatest variety potatoes	$2 00
S. Clendening	Lakeport	Best other variety potatoes—Peachblows	$2 00
S. Bassett	Glenbrook	Best squash	$2 00
T. Haycock	Lakeport	Best one half peck white beans	$2 00
Wamboldt Bros.	Lakeport	Best six long blood beets	$2 00
Wamboldt Bros.	Lakeport	Best one half peck white onions	$2 00

FIFTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Wamboldt Bros.	Lakeport	Best one half peck Lima beans, in pod	$2 00
Wamboldt Bros.	Lakeport	Best one half peck bush beans, in pod	$2 00
Wamboldt Bros.	Lakeport	Best one half peck gherkin cucumbers	$2 00
Wamboldt Bros.	Lakeport	Best one half peck peppers for pickling	$2 00
Wamboldt Bros.	Lakeport	Best table collection of vegetables by producer	Diploma.
Wamboldt Bros.	Lakeport	Best dozen ears sweet corn	$2 00
M. Price	Lakeport	Best three watermelons	$2 00
N. Dondero	Lakeport	Best sweet potatoes	$2 00
N. Dondero	Lakeport	Best parsnips	$2 00
N. Dondero	Lakeport	Best carrots	$2 00
N. Dondero	Lakeport	Best turnip beets	$2 00
N. Dondero	Lakeport	Best peck tomatoes	$2 00
N. Dondero	Lakeport	Best one half peck red onions	$2 00
N. Dondero	Lakeport	Best six heads lettuce	$2 00
N. Dondero	Lakeport	Best six cucumbers	$2 00
N. Dondero	Lakeport	Best yellow fleshed muskmelons	$2 00
CLASS IV—FLOWERS.			
Miss H. A. Bole	Kelseyville	Best display hanging basket, containing flowers	$2 00
Mrs. M. C. Tucker	Lakeport	Best display flowering plants, in bloom	$5 00
Mrs. R. Simpson	Lakeport	Best display foliage and ornamental plants	$2 50
CLASS V—DAIRY PRODUCTS.			
Mrs. L. Saylor	Lakeport	Best cheese	$5 00
Mrs. L. Saylor	Lakeport	Best ten pounds butter in rolls	$5 00
Thomas Haycock	Lakeport	Best ten pounds butter, three months old	$5 00
CLASS VI—BREAD AND CEREAL FOOD.			
Mrs. A. E. Banks	Lakeport	Best graham bread	$2 00
Mrs. A. E. Banks	Lakeport	Best domestic corn bread	$2 00
Mrs. A. E. Banks	Lakeport	Best display domestic bread	$2 00
Mrs. T. Haycock	Lakeport	Best brown bread	$2 00
Miss Carrie Crump	Lakeport	Best biscuits	$2 00
Miss Alice Crump	Lakeport	Best butter crackers	$2 00

SIXTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I—GREEN FRUITS.			
E. B. Bole	Kelseyville	Best display and variety apples	$5 00
J. T. McClintock	Lakeport	Second best	$4 00
G. Scudamore	Lakeport	Third best	$3 00
E. E. Perkins	Kelseyville	Fourth best	$2 00
William Rose	Lakeport	Fifth best	$1 00
E. B. Bole	Kelseyville	Best display and variety pears	$5 00
H. Dorr	Lakeport	Second best	$4 00
G. Scudamore	Lakeport	Third best	$3 00
L. A. Welty	Lakeport	Fourth best	$2 00
Jonas Ingram	Lakeport	Fifth best	$1 00

SIXTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
J. T. McClintock	Lakeport	Best display and variety peaches	$5 00
Mrs. S. A. McGee	Lakeport	Second best	$4 00
J. Mendenhall	Upper Lake	Third best	$3 00
E. B. Bole	Kelseyville	Fourth best	$2 00
G. Seudamore	Lakeport	Best display and variety plums	$5 00
S. Glendening	Lakeport	Second best	$4 00
E. B. Bole	Kelseyville	Third best	$3 00
J. T. McClintock	Lakeport	Fourth best	$2 00
CLASS II—HONEY, PRESERVES, AND PICKLES.			
Miss H. A. Bole	Kelseyville	Best display 10 lbs Cal. honey	$5 00
Miss H. A. Bole	Kelseyville	Best strawberry jelly in glass	$2 00
Miss H. A. Bole	Kelseyville	Best blackberry jelly in glass	$2 00
Miss H. A. Bole	Kelseyville	Best blackberry jam in glass	$2 00
Miss H. A. Bole	Kelseyville	Best raspberry jam in glass	$2 00
Miss H. A. Bole	Kelseyville	Best display jams and jellies	$2 50
Miss H. A. Bole	Kelseyville	Best display pickles	$2 00
Miss H. A. Bole	Kelseyville	Best display brandy peaches	$2 00
Mrs. F. P. Southworth	Lakeport	Best quince jelly	$2 00
Mrs. F. P. Southworth	Lakeport	Second best jam and jellies in glass	$2 00
Mrs. T. Haycock	Lakeport	Best raspberry jelly	$2 00
Mrs. E. W. Britt	Lakeport	Best red currant jelly	$2 00
Mrs. M. Wamboldt	Lakeport	Best display of fruit in glass, by producer	$2 50
CLASS III—DRIED FRUITS.			
Miss H. A. Bole	Kelseyville	Best five pounds dried apples	$2 00
Miss H. A. Bole	Kelseyville	Best five pounds dried plums	$2 00
Miss H. A. Bole	Kelseyville	Best five lbs dried nectarines	$2 00
Miss H. A. Bole	Kelseyville	Best display dried fruits	$2 00
E. E. Perkins	Kelseyville	Best dried blackberries	$2 00
Mrs. W. Vandenheuvel	Kelseyville	Best dried peaches	$2 00
Mrs. W. Vandenheuvel	Kelseyville	Best dried apricots	$2 00
Mrs. W. Vandenheuvel	Kelseyville	Best dried pears	$2 00
Mrs. S. Morrison	Lakeport	Best dried prunes	$2 00
Mrs. S. Morrison	Lakeport	Best soft shell almonds	$2 00
Mrs. S. Morrison	Lakeport	Best English walnuts	$2 00
CLASS IV—GRAPES AND RAISINS.			
D. L. Miller	Lower Lake	Best six varieties of table grapes	$5 00
R. K. Nichols	Lower Lake	Best six varieties of wine grapes	$2 50
R. K. Nichols	Lower Lake	Best three varieties of wine grapes	$2 50
R. K. Nichols	Lower Lake	Best display of wine grapes	$2 50
J. Mendenhall	Upper Lake	Best three varieties of table grapes	$2 50
D. O. Shattuck	Upper Lake	Second best	$2 00

MISCELLANEOUS DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Mrs. M. J. Arnold	Lakeport	Cabinet marine specimens	Diploma.
Mrs. M. J. Arnold	Lakeport	Worsted flowers	Diploma.
Mrs. M. C. Tucker	Lakeport	Mohair hose	Diploma.
Mrs. M. Simpson	Lakeport	Washing powders	Diploma.
Chas. Slotterbeck	Lakeport	Display guns, pistols, and gunning implements	Diploma.
Mrs. R. Moore	Lakeport	Sofa cushion	Diploma.
Mrs. M. McCutcheon	Lakeport	Knitting	Diploma.
Miss Marie Tunis	Lakeport	Chenille work by child nine years old	Diploma.
Miss Alice Coleman	Lakeport	Loaf of bread by a girl	Diploma.
Mrs. E. M. Meador	Lakeport	Specimen hair work	Diploma.
Miss Ida McCauley	Lakeport	Plaque in kensington painting	Diploma.
Mrs. R. T. McClenny	Lakeport	Rag carpet	Diploma.
Carl Dahlgreen	Highland Sp's	Display oil paintings, 9 pieces	Diploma.
Miss H. A. Bole	Kelseyville	Taxidermic display	Diploma.
Mrs. W. Masterson	Lower Lake	Crazy work, sofa cushion	Diploma.
Miss A. M. Bolter	Lower Lake	Splasher	Diploma.
W. H. Hazell	Upper Lake	Display penmanship	Diploma.
Miss A. Donnelly	Lower Lake	Pincushion	Diploma.
J. D. Hendricks	Lower Lake	Gopher trap	Diploma.
Indian Chicken	Upper Lake	Hair bridle	Diploma.
Miss Ella Lansing	Mendocino Ct.	Table scarf	Diploma.
Miss Minnie Baechtel	Willits	Java canvas tidy	Diploma.
Miss Minnie Baechtel	Willits	Fascinator	Hon. mention.
Mrs. D. Tuttle	Willits	Crazy work sofa cushion	Hon. mention.
Mrs. D. Tuttle	Willits	Bead work bag	Hon. mention.
Mrs. D. Tuttle	Willits	Applique rug	Hon. mention.
Mrs. C. A. Greene	Ukiah	Macreme bag	Hon. mention.
Miss Ella Lansing	Mendocino Ct.	Crazy tidy	Hon. mention.
Mrs. J. Banks	Lakeport	Crazy work cushion	Hon. mention.
Mrs. C. Sweitzer	Lakeport	Worsted wreath	Hon. mention.
Mrs. C. Sweitzer	Lakeport	Feather wreath	Hon. mention.
Miss W. Bartnett	Lakeport	Sofa cushion	Hon. mention.
Mrs. H. Scott	Lakeport	Horseshoe trimming	Hon. mention.
Mrs. L. G. Simmons	Lakeport	Smoking chair	Hon. mention.
Miss L. McNeil	Lakeport	Oriental painting	Hon. mention.
Miss Ella Medberry	Lakeport	Knit tidy	Hon. mention.
Miss Katie Manlove	Lakeport	Loaf bread by child	Hon. mention.
Carl Dahlgreen	Highland Sp's	Pencil drawings	Hon. mention.
Mrs. M. Reimus	Highland Sp's	Embroidered saddle blanket	Hon. mention.
Miss E. M. Vorris	Lower Lake	Oil paintings, 6 pieces	Hon. mention.
Miss E. M. Vorris	Lower Lake	Pencil drawing	Hon. mention.
Miss A. M. Bolter	Lower Lake	Pincushion	Hon. mention.
Mrs. C. W. Armstrong	Middletown	Applique work	Hon. mention.
Mrs. L. Deming	Blue Lakes	Silk knitting	Hon. mention.
Mrs. L. Deming	Blue Lakes	Fancy panels	Hon. mention.
Mrs. L. Deming	Blue Lakes	Feather fans	Hon. mention.
Mrs. M. Simpsons	Lakeport	Soft soap	Hon. mention.
Miss Hettie Force	Lakeport	Pillow shams	Hon. mention.
Miss Roxie Hoyt	Lakeport	Pencil drawings	Hon. mention.
Miss Anna Crawford	Lakeport	Tidy	Hon. mention.
P. Coppinger	Lakeport	Exhibit Japanese persimmons	Hon. mention.
E. Waller	Kelseyville	Blackberries, chest butter, and State walnuts	Hon. mention.
Miss Ida McCauley	Lakeport	Crayon drawing	Hon. mention.
Mrs. L. E. Parrish	Lakeport	Made apron	Hon. mention.
Mrs. M. E. Hill	Lakeport	Seed wreath	Hon. mention.

SPEED PROGRAMME.

TUESDAY, SEPTEMBER 23, 1884.

RACE NO. 1—RUNNING.

Three quarter mile dash. Purse, one hundred dollars. Entrance, ten dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Ironwood, by Ironclad; dam, unknown	H. Willits	Willits.
Billy Johnson, unknown	Lou. Rainey	Ukiah.

Position at Starting.	*Position at Close.*	
1. Ironwood	Ironwood	1
2. Billy Johnson	Billy Johnson	2

Time—1:17¼.

RACE NO. 2—RUNNING.

Half mile dash. Purse, fifty dollars. Entrance, ten dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Dom Pedro, by Lilburn; dam, unknown	H. Helman	Healdsburg.
Del Paso, by Shandon; dam, Mary O'Neil	Lou. Rainey	Ukiah.
Estella Clark, by Ironclad; dam, Orphan Girl	John Poe	Santa Rosa.

Position at Starting.	*Position at Close.*	
1. Dom Pedro	Del Paso	1
2. Del Paso	Estella Clark	2
3. Estella Clark	Dom Pedro	3

Time—0:51.

RACE NO. 3—TROTTING.

Mile heats, two in three. Purse, fifty dollars. Entrance, five dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Floyd, by M. Medium; dam, Storm	J. D. Adams	Maxwell.
Vieson, by M. Medium; dam, Belle	Hellman Bros.	Ukiah.
Secretary, by Gen. McClellan; dam, thoroughbred mare	L. H. Boggs	Lakeport.

Position at Starting.	*Position at Close.*		
1. Floyd	Floyd	1	1
2. Vieson	Vieson	2	2

Time—2:59¼; 2:56¼; 2:56½.

WEDNESDAY, SEPTEMBER 24, 1884.

RACE No. 4—TROTTING.

Mile and repeat. For three-year olds. Purse, one hundred dollars. Entrance, ten dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Munio, by M. Medium; dam, unknown	J. H. Moore	Lakeport.
Alleen, by Son of Elm; dam, unknown	D. M. Hanson	Lower Lake.
Frank, by Overland; dam, Iraqua Maid	H. T. Hatch	Ukiah.
Bessie B, by Milton M; dam, Mollie Higgins	J. W. Boggs	Lakeport.

Position at Starting.	*Position at Close.*			
1. Munio	Alleen	2	1	1
2. Bessie B	Frank	3	3	2
3. Frank	Munio	1	2	3
4. Alleen	Bessie B	4	4	4

Time—3:29¼; 3:35¼; 3:36.

RACE No. 5—TROTTING.

Mile heats, best two in three. Three horses to enter, two or more to start. Purse, one hundred dollars. Entrance, ten dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Iraqua Maid, by Ethan Allen; dam, by Messenger	H. T. Hatch	Ukiah.
Mama Kohl, by Hunter; dam unknown	J. Spaulding	Seigler Springs.
Secretary, by Gen. McClellan; dam, thorb'd mare	L. H. Boggs	Lakeport.

Position at Starting.	*Position at Close.*			
1. Iraqua Maid	Mama Kohl	1	2	1
2. Mama Kohl	Iraqua Maid	2	1	wd.
3. Secretary	Secretary	dis.		

Time—2:43¼; 2:46¼; 2:33½.

THURSDAY, SEPTEMBER 25, 1884.

RACE No. 6—RUNNING.

One quarter mile dash. Free for all in the State. Purse, two hundred dollars. Entrance, twenty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Nettie Moore, by Stonewall; dam, unknown	George Hammock	Lakeport.
Johnny Moore, by J. Moore, Sr.; dam, Printer's m.	George McCullough	Potter Valley.
Morning Star, by Brick; dam, unknown	B. Adams	Ukiah.

Position at Starting.	*Position at Close.*	
1. Nettie Moore	Morning Star	1
2. Johnny Moore	Nettie Moore	2
3. Morning Star	Johnny Moore	0

RACE NO. 7—TROTTING.

Mile heats, best three in five. Free for all in the district. Purse, sixty dollars. Entrance, ten dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Maud Medium, by Milton M; dam, S S of Hogell	Hellman Bros.	Ukiah.
Brown Nell, by Taylor; dam, unknown	J. D. Curtis	Ukiah.
Secretary, by Gen. McClellan; dam, thorb'd mare	L. H. Boggs	Lakeport.

Position at Starting.	*Position at Close.*					
1. Maud Medium	Secretary	1	2	2	1	1
2. Brown Nell	Maud Medium	2	1	3	2	3
3. Secretary	Brown Nell	3	3	1	3	2

Time—3:00½; 3:06½; 3:00¼; 2:55½; 2:57¼.

FRIDAY, SEPTEMBER 26, 1884.

RACE NO. 8—TROTTING.

Mile heats, best three in five. Five to enter, three or more to start. Purse, two hundred dollars. Entrance, twenty dollars. First horse, one hundred and twenty dollars; second, sixty dollars; third, twenty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Mama Kohl, by Hunter; dam, unknown	John Spaulding	Seigler Springs.
Wild Bill, unknown	J. D. Curtis	Ukiah.
Gray Charlie, unknown	G. H. White	Prescott, A. T.
Stemwinder, unknown	A. F. Whitney	Prescott, A. T.
Iraqua Maid, by Ethan Allen; dam, Messenger m.	H. T. Hatch	Ukiah.

Position at Starting.	*Position at Close.*				
1. Mama Kohl	Stemwinder	2	1	1	1
2. Wild Bill	Iraqua Maid	1	4	2	2
3. Gray Charley	Wild Bill	3	2	3	3
4. Stemwinder	Mama Kohl	4	3	4	4
5. Iraqua Maid	Gray Charley	5	dis.		

Time—2:39¼; 2:40; 2:43¾; 2:45¼.

TRANSACTIONS

OF THE

THIRTEENTH DISTRICT AGRICULTURAL ASSOCIATION

For the Year 1884,

Composed of the Counties of Sacramento, Sutter, Yolo, and Yuba.

OFFICERS OF THE ASSOCIATION.

D. E. KNIGHT ..... President.
T. J. SHERWOOD ..... Secretary.
J. J. SHAFFER ..... Treasurer.

DIRECTORS.

D. E. KNIGHT ..... Marysville.
M. MARCUSE ..... Marysville.
A. D. CUTTS ..... Marysville.
C. A. GLIDDEN ..... Marysville.
J. W. WILSON ..... Sacramento.
C. F. REED ..... Grafton.
JAMES LITTLEJOHN ..... Yuba City.
N. D. COOMBS ..... Honcut.

REPORT.

MARYSVILLE, December 2, 1884.

To the honorable the State Board of Agriculture:

GENTLEMEN: The Directors of the Thirteenth District Agricultural Association submit this, their report of the transactions of said association, for the year ending this date.

T. J. SHERWOOD, Secretary.

RECEIPTS AND EXPENDITURES.

Expenditures.

August 30—To paid premiums to exhibitors		$1,873 00	
To paid purses for races		3,686 65	
To paid premiums for shooting		178 00	
To paid premiums for ladies' riding		25 00	
To paid employés for work		213 00	
To paid rent of Pavilion		100 00	
To paid band for music		100 00	
To paid for hay and hauling		83 55	
To paid sprinkling track, etc.		120 00	
To paid gas bill		46 00	
To paid for straw and hauling		40 00	
To paid C. D. Dawson for printing		185 75	
To paid sundry expenditures by Secretary		39 90	
To paid salary of Secretary		100 00	
To paid White, Cooley & Cutts, merchandise		40 00	
To paid for advertising		50 00	
To paid Swain & Hudson, work and lumber		31 40	
To paid White, Cooley & Cutts, sundries		20 00	
To paid C. Bennet, sundries		20 00	
To paid J. J. Shaffer, sundry expenses		15 00	
To paid for sweeping and express hire		15 50	
To paid Sligar & McIlmoil, horse hire		7 50	
To paid cloth for tables		12 50	
To balance on hand		287 75	
			$7,290 50

Receipts.

Amount on hand from 1883		$240 45	
August 26—By advertising in premium list		70 00	
By bar privilege, etc.		305 05	
By entries to races		1,749 00	
By season tickets sold		681 00	
By gate and door tickets sold		911 00	
By pool privilege		382 75	
By carriage permits		33 00	
By quarter badges		32 00	
By cloth sold and sundries		13 00	
By donated premiums		47 00	
By subscriptions		1,171 25	
By State appropriation		1,500 00	
			$7,290 50

PREMIUMS AWARDED----1884.

FIRST DEPARTMENT.

Live Stock.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
CLASS II—GRADED HORSES.				
Best stallion two years old	N. S. Hamlin	Yuba City		$15 00
Best mare eleven years old	N. S. Hamlin	Yuba City		$15 00
Second best stallion two years old	C. B. Hawley	Marysville		$5 00
Best colt one year old	James Littlejohn	Yuba City		$10 00
Second best mare over three years old	Charles Graves	Marysville		$10 00
Best stallion three years old	Frank Grant	Marysville		$20 00
CLASS III—HORSES OF ALL WORK.				
Best mare three years old or over	C. B. Hawley	Marysville		$10 09
Best gelding three years old or over	P. H. McCune	Yuba City		$10 00
Second best stallion three years old	C. A. Glidden	Marysville		$10 00
Best colt two years old	Sewell Harris	Yuba City		$5 00
CLASS IV—ROADSTERS.				
Best gelding three years old	J. H. Miller	Meridian		$10 00
Best stallion three years old	William Doty	Meridian		$15 00
Best mare three years old or over	H. S. Hogeboom	Sacramento		$10 00
Second best mare three years old or over	John Spangler	Marysville		$5 00
Best stallion two years old	John Kimball	Yuba City		$10 00
Second best gelding three years old or over	P. H. McCune	Yuba City		$5 00
CLASS V—DRAFT HORSES.				
Best stallion two years old	Otis Clark	Yuba City		$10 00
Best stallion three years old or over	Wm. Quint	Marysville		$15 00
Best mare three years old or over	Wm. Quint	Marysville		$10 00
Second best mare three years old or over	Wm. Quint	Marysville		$5 00
Second best stallion two years old	M. Marcuse & Co.	Marysville		$5 00

CLASS VI—CARRIAGE HORSES.			
Best matched span of horses	George Wallace	Marysville	$10 00
CLASS VII—ROADSTER TEAM.			
Best matched span of roadsters	S. E. Inlow	Marysville	$10 00
CLASS VIII—SADDLE HORSES.			
Best saddle horse	W. R. Connington	Sacramento	$5 00
Second best saddle horse	Charles Graves	Marysville	$3 00
CLASS IX—COLTS.			
Best mare colt one year old	N. S. Hamlin	Yuba City	$8 00
Best suckling horse colt	Charles Graves	Marysville	$5 00
Best suckling mare colt	Justus Greeley	Marysville	$5 00
Second best colt, one year old	Frank Grant	Marysville	$5 00
CLASS X—SWEEPSTAKES.			
Best stallion, three years old and over	C. F. Taylor	Sacramento	$25 00
CLASS XI—GOATS.			
Best Angora goats	Charles Graves	Marysville	$3 00
CLASS XII—HOGS.			
Best hogs	Mrs. D. Farrell	Marysville	$2 00
CLASS XIII—POULTRY.			
Best exhibit of chickens, six varieties	T. J. Sherwood	Marysville	$10 00
Best Silver Spangled Hamburg	T. J. Sherwood	Marysville	$3 00
Best Plymouth Rocks	T. J. Sherwood	Marysville	$3 00
Best W. F. B. Spanish	T. J. Sherwood	Marysville	$3 00
Best African White Bantams	T. J. Sherwood	Marysville	$3 00
Best Silver Duck-wing Bantams	T. J. Sherwood	Marysville	$3 00
Best Plymouth Rocks, young	T. J. Sherwood	Marysville	$3 00
Best Red Pyle Games	W. M. Jefferds	Brown's Valley	$3 00
Best Irish Games	W. M. Jefferds	Brown's Valley	$3 00
Best Dominiques	Charles Graves	Marysville	$3 00
Best Bronze turkeys	Mrs. M. Walton	Yuba City	$5 00
Best Embden geese	Mrs. M. Farrell	Marysville	$5 00
Best Common Sense Incubator	O. L. Tueker	Marysville	$5 00
WALKING HORSES.			
Best double team, walking	Geo. Ohleyer	Yuba City	$20 00

FIRST DEPARTMENT—Continued.

LIVE STOCK.	Name of Owner.	P. O. Address.	Name of Animal.	Award.
Second best double team, walking	Geo. Wallace	Yuba County		$15 00
Best single horse, walking	D. Condon	Marysville		$15 00
Second best single horse, walking	Geo. Ohleyer	Yuba City		$10 00
LADIES' RIDING.				
Best lady rider	Miss Rhodes	Honcut		$20 00
Second best lady rider	Miss Wallace	Yuba City		$5 & blankets.
Third best lady rider	Miss Breeden	Marysville		Rug & sil. cup.
Fourth best lady rider	Mrs. Taylor	Marysville		Parasol and paper w't.
Fifth best lady rider	Miss Mahle	Honcut		$5 and clock.
Sixth best lady rider	Miss Scott	Brown's Valley		$5 00

SECOND DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
Farmers' Union	Yuba City	Six varieties of wheat	$16 00
B. F. Frisbie	Yuba City	Two varieties of wheat	$5 00
T. B. Hull	Yuba City	Two varieties of wheat	$5 00
J. M. McAustin	Yuba City	Club wheat and Egyptian corn	$5 00
George Ohleyer	Yuba City	Three varieties wheat and Egyptian corn	$8 00
J. M. Cutts	Marysville	One variety wheat	$2 00
Charles Graves	Marysville	Chili wheat and barley	$5 00
J. P. Onstott	Yuba City	Two varieties of wheat	$4 00
CLASS II.			
M. Marcuse & Co.	Marysville	Best sack of yellow corn	$2 00
Mrs. J. McConaughy	Marysville	Second best yellow corn	$1 00
W. T. Ellis	Marysville	Oats, barley, clover, and grass seeds	$11 00
CLASS III.			
Buckeye Mill Co.	Marysville	Flour, graham, and corn meal	$9 00
W. T. Ellis	Marysville	Flour, meal, hominy, rolled barley, etc.	$13 00
CLASS IV.			
A. J. Cumberson	Marysville	Growing cotton	$3 00
E. C. Binet	Clipper Mills	Bale of hops	$2 00
J. A. Lefavor	Marysville	Cut broomcorn	$2 00
M. Marcuse & Co.	Marysville	Egyptian corn in stalk	$2 00
CLASS V.			
E. M. Devoe	Marysville	Early rose and sweet potatoes	$4 00
A. J. Cumberson	Marysville	Red potatoes and watermelons	$3 00
W. T. Ellis	Marysville	Potatoes, onions, and sweet potatoes	$6 00
G. S. Ely	Meridian	Pumpkins and tomatoes	$2 00
M. Marcuse & Co.	Marysville	Turnips and two varieties beans	$3 00
E. C. Binet	Clipper Mills	Beans, peas, starch, and honey	$11 00
H. H. Wilson	Meridian	Potatoes and beets	$3 00
W. F. Sherwood	Marysville	Beets and cabbage	$2 00
CLASS VI.			
W. T. Ellis	Marysville	Exhibit of hams and lard	$8 00
CLASS VII.			
Marysville Woolen Mill	Marysville	Best exhibit of wool	$5 00
Mrs. George Ohleyer	Yuba City	Best exhibit roll butter	$5 00
Mrs. C. H. Pease	Yuba City	Best crock butter, and second roll butter	$6 00
W. T. Ellis	Marysville	Best cheese, new and 1 year old	$8 00
CLASS IX.			
G. S. Ely	Meridian	Best variety of peaches	$5 00
P. L. Bunce	Yuba City	Best exhibit of peaches	$5 00
Mrs. J. McConaughy	Marysville	Exhibit of peaches, plums, and pears	$2 00
A. J. Cumberson	Marysville	Quinces, peaches, apples, and grapes	$4 00
R. Hoskin	Marysville	Prunes, peaches, and pears	$6 00
Mrs. S. L. Tucker	Marysville	Peaches and quinces	$2 00
A. C. Gray	Marysville	Peaches, pears, and prunes	$4 00
S. R. Chandler	Yuba City	Second on plums	$2 00
A. F. Abbott	Yuba City	Nectarines and peaches	$5 00
A. F. Abbott	Yuba City	Best exhibit of fruit	$5 00
A. C. Gray	Marysville	Persimmons and figs	$3 00
J. P. Onstott	Yuba City	Nectarines, prunes, and figs	$5 00
J. P. Onstott	Yuba City	First on apples and pears	$15 00
J. P. Onstott	Yuba City	First on plums, special, peaches	$8 00
Mrs. E. M. Devoe	Marysville	Best exhibit figs	$2 00

SECOND DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
T. J. Sherwood	Marysville	Best exhibit pomegranates	$2 00
S. Andrews	Marysville	Special on peaches	$1 00
H. Barrett	Lincoln	Special on fine apples	$2 00
John Ram	Camptonville	Special on fine peaches	$2 00
A. L. Tucker	Marysville	Special on plums, on branches	$1 00
E. M. Devoe	Marysville	Special on pears, quinces, etc.	$4 00
CLASS X.			
T. J. Sherwood	Marysville	Best exhibit of oranges	$5 00
E. C. Binet	Clipper Mills	Blackberries, raspberries, and strawberries	$8 00
CLASS XI.			
A. C. Gray	Marysville	First on table grapes, special on exhibit	$8 00
S. R. Chandler	Yuba City	Second on exhibit of grapes, and on wine grapes	$8 00
S. R. Chandler	Yuba City	First on raisin grapes, and on variety	$7 00
S. R. Chandler	Yuba City	First on bunch grapes, second on seedless	$5 00
A. F. Abbott	Yuba City	First on seedless grapes	$5 00
A. F. Abbott	Yuba City	Special on exhibit of grapes	$5 00
J. P. Onstott	Yuba City	Best exhibit of grapes	$10 00
J. P. Onstott	Yuba City	Best wine grapes	$5 00
J. P. Onstott	Yuba City	Second best table and raisin g'ps	$6 00
CLASS XII.			
Yuba City Cannery	Yuba City	Best exhibit canned fruits	$10 00
Mrs. A. J. Cumberson	Marysville	Best fruit, preserves, and catsup, in glass	$7 00
Mrs. E. E. Wise	Live Oak	Best fruit and jellies, in glass	$3 00
Mrs. C. Graves	Marysville	Best fruit and berries, in glass	$3 00
Mrs. J. McConaughy	Marysville	Best fruit, preserves, jellies, and cordials	$7 00
Miss C. Williams	Marysville	Best pickles and catsup, in glass	$1 00
Mrs. C. N. Jenkins	Marysville	Best jellies, in glass	$3 00
Miss L. Shaffer	Marysville	Second best jellies, in glass	$2 00
Mrs. E. E. Meek	Marysville	Best catsup, in glass	$1 00
Mrs. M. Walton	Yuba City	Best fruit and berries, in glass	$6 00
Mrs. J. J. Shaffer	Marysville	Best fruit and jams, in glass	$3 00
Mrs. C. E. Sherwood	Marysville	Best fruit and jellies, in glass	$10 00
Mrs. C. E. Sherwood	Marysville	Best preserves and jams, in glass	$8 00
Mrs. C. E. Sherwood	Marysville	Best pickles and catsup, in glass	$2 00
Mrs. C. E. Sherwood	Marysville	Best exhibit fruits, etc., in glass	$5 00
CLASS XIII.			
A. J. Cumberson	Marysville	Best dried apples and plums	$3 00
S. R. Chandler	Yuba City	Best dried apricots	$1 00
A. F. Abbott	Yuba City	Best dried plums, apples, and prunes	$12 00
Mrs. George Ohleyer	Yuba City	Best dried pears, apples, and apricots	$6 00
M. Marcuse & Co.	Marysville	Best dried prunes and plums	$2 00
A. C. Gray	Marysville	Best dried figs, in boxes	$1 00
CLASS XIV.			
W. T. Ellis	Marysville	Special on peanuts	$2 00
A. C. Gray	Marysville	Best almonds and walnuts	$2 00
R. Hoskin	Marysville	Best softshell almonds	$2 00
S. D. Smith	Marysville	Best growing chestnuts	$3 00
G. W. Pine	Marysville	Best English walnuts	$2 00
CLASS XV.			
Miss F. Smith	Yuba City	Best exhibit flowers, in pots	$5 00
Mrs. S. L. Tucker	Marysville	Second best ex. flowers, in pots	$1 00
Mrs. T. J. Sherwood	Marysville	Best exhibit flowers, in pots	$5 00
Mrs. J. J. Shaffer	Marysville	Second best ex. flowers, in pots	$2 00

SECOND DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Mrs. M. Garcia	Marysville	Best exhibit cut flowers	$3 00
Mrs. George Ohleyer	Yuba City	Second best exhibit cut flowers	$2 00
Mrs. C. E. Sherwood	Marysville	Best exhibit hanging baskets	$3 00
CLASS XVI.			
Miss L. L. Tucker	Marysville	Best exhibit bread and biscuit	$10 00
Miss A. Revere	Marysville	Second best ex. bread and biscuit	$3 00
Mrs. J. Greeley	Marysville	Exhibit of bread	$1 00
Miss J. McConaughy	Marysville	Exhibit of bread and cake	$2 00
Miss L. Shaffer	Marysville	Exhibit of cake	$1 00
Miss Ella Shaffer	Marysville	Exhibit of bread and biscuit	$3 00
Mrs. G. Revere	Marysville	Exhibit of bread and cake	$4 00
Mrs. J. A. Saul	Marysville	Exhibit of bread	$1 00
Miss W. Schlade	Marysville	Exhibit of bread	$1 00
Mrs. B. Bryden	Marysville	Exhibit of bread and cake	$5 00
CLASS XVII—JUVENILE.			
Ada Boorman	Marysville	Best exhibit bread, cake, etc.	$10 00
Belle Bryden	Marysville	Exhibit of bread, cake, etc.	$5 00
Annie Tucker	Marysville	Exhibit of cake	$2 00
Nellie Bourne	Marysville	Exhibit of biscuit	$2 00
Cora Jenkins	Marysville	Exhibit of biscuit	$1 00

THIRD DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
W. C. Ogden & Son	Marysville	Dog cart, side springs	$3 00
A. Meister	Sacramento	Family carriage and buggy	$10 00
R. White	Marysville	Spring wagon, rockaway, etc.	$13 00
D. E. Knight	Marysville	Trotting sulky	$3 00
B. Peel	Marysville	Child's carriage	$2 00
CLASS II.			
Frost & Shaffer	Marysville	Best display furniture	$10 00
Frost & Shaffer	Marysville	Lounge, table, chairs, etc.	$17 00
Mary Tucker	Marysville	Whatnot, hand-made	$2 00
CLASS III.			
White, Cooley & Cutts	Marysville	Pocket and table cutlery and pruning shears	$9 50
B. Bigelow	Marysville	Pocket cutlery, shears, knives, etc.	$6 00
CLASS IV.			
White, Cooley & Cutts	Marysville	Wagon springs	$5 00
CLASS V.			
W. H. Plymire	Marysville	Marble and granite work	$8 00
CLASS VI.			
V. L. Earnshields	Marysville	Best exhibit saddles and harness	$10 00
V. L. Earnshields	Marysville	Double and single harness and saddles	$16 00
CLASS VII.			
Moon & Creighton	Marysville	Best exhibit boots and shoes	$10 00
Moon & Creighton	Marysville	Best made boots	$5 00
Moon & Creighton	Marysville	Second best shoes	
F. Terstegge	Marysville	Exhibit boots and shoes	$5 00
F. Terstegge	Marysville	Hand-made shoes and boots	$5 00

THIRD DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS IX.			
White, Cooley & Cutts	Marysville	Range, cooking stove, hardware, etc.	$25 00
CLASS X.			
B. Bigelow	Marysville	Exhibit sporting implements	$5 00
B. Bigelow	Marysville	Rifle, made in district	$3 00
CLASS XI.			
R. T. Schofield	Marysville	Best sewing machine	$5 00
Miss M. Cumberson	Marysville	Machine sewing	$2 00
CLASS XII.			
R. T. Schofield	Marysville	Best organ	$5 00
CLASS XV.			
J. Lefavor	Marysville	Best exhibit brooms	$3 00
CLASS XVI.			
Marysville Woolen Mill	Marysville	Best exhibit cotton	$5 00
Wm. Wearman	Marysville	Best exhibit cocoons	$5 00
F. A. Crook	Marysville	Second best exhibit cocoons	$2 50
CLASS XVII.			
White, Cooley & Cutts	Marysville	Flat and hollowware and silverware	$8 00
Peter Engel & Co.	Marysville	Exhibit silverware and clocks	$16 00
CLASS XVIII.			
Dr. S. Jewett	Marysville	Best specimen dentist's work	$5 00
CLASS XIX.			
W. F. Peacock	Marysville	Best exhibit taxidermy work	$5 00
Dan. P. Donahoe	Marysville	Second best taxidermy work	$3 00
CLASS XX.			
Swain & Hudson	Marysville	Wood work, turning, windows, etc.	$14 00
Swain & Hudson	Marysville	Willowware, docrs, brackets, etc.	$8 00
E. C. Binet	Clipper Mills	Wood turning	$1 50
B. Bigelow	Marysville	Wood carving	$3 00
CLASS XXI.			
White, Cooley & Cutts	Marysville	Queensware, stoneware, and glassware	$15 00
White, Cooley & Cutts	Marysville	Fruit jars, wire goods, lamps, etc.	$16 00
S. J. Hunter, Jr.	Marysville	Family churn	$2 00
E. Rathbun	Sacramento	Farm gate	$5 00
Wilcoxon & Magruder	Sacramento	Grain drill	$5 00
M. Marcuse	Marysville	Deerskin robe	$2 00

FOURTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS III.			
Marysville Woolen Mill	Marysville	Best exhibit of woolen goods	$25 00
Marysville Woolen Mill	Marysville	Blankets, flannels, tweeds, etc.	$15 00
Frost & Shaffer	Marysville	Carpets and foot mats	$7 00
CLASS V.			
Miss E. Clothier	Marysville	Underwear, shams, etc.	$3 00
Mrs. D. McCrate	Marysville	Hand-made sacque	$2 00

FOURTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Mrs. J. J. Shaffer	Marysville	Quilt and dressing gown	$2 00
Mrs. J. Derringer	Marysville	Pair of pillow shams	$1 00
Mrs. J. W. Moore	Marysville	Quilt and foot rug	$2 00
Mrs. H. C. Jones	Yuba City	Underwear	$1 00
Mrs. S. B. Van Horn	Yuba City	Dressing gown	$1 00
Mrs. Mary Walton	Yuba City	Quilt, spread, and shirt	$3 00
Mrs. A. P. Barnes	Marysville	Silk quilt, hand-made	$2 00
Mrs. J. P. Switt	Marysville	Boy's suit and shirt, hand-made	$3 00
Mrs. E. F. Thomas	Marysville	Quilt, skirt, etc.	$2 00
Miss H. Ellis	Marysville	Infant's robe and garments	$1 00
Mrs. W. H. Crook	Marysville	Pillow sham and underwear	$2 00
Mrs. C. H. Pease	Marysville	Quilt and embroidery work	$2 00
Mrs. M. A. Marcuse	Marysville	Silk quilt, crazy work	$3 00
Mrs. C. C. Harrington	Marysville	Quilt and knit work	$4 00
Mrs. M. Garrett	Marysville	Quilt and lace work	$5 00
Miss M. Cumberson	Marysville	Underwear and shirt	$2 00
Mrs. T. Neisen	Marysville	Braided pillow shams	$1 00
Miss K. Williams	Marysville	Patchwork quilt	$1 00
Miss M. Williams	Marysville	Three quilts	$2 00
Mrs. E. E. Wise	Marysville	Patchwork quilt	$1 00
Mrs. W. England	Marysville	Shams, shirt, and child's dress	$2 00
Mrs. H. S. Jones	Yuba City	Patchwork quilt	$1 00
Miss A. Revere	Marysville	Boy's shirt, hand-made	$1 00
Mrs. L. Gray	Marysville	Shams and quilt	$2 00
Mrs. M. Cumberson	Marysville	Japanese quilt	$2 00
Mrs. N. Bennett	Marysville	Quilt	$1 00
Florence Rogers	Marysville	Three silk quilts	$6 00
Mrs. H. Spooner	Yuba City	Quilt	$1 00
Mrs. J. D. Megee	Yuba City	Patchwork quilt	$1 00
CLASS VI.			
Miss M. Williams	Marysville	Embroidery work	$1 00
Miss G. Bradley	Marysville	Embroidery work	$1 00
Mrs. E. E. Wise	Marysville	Embroidery work	$1 00
Mrs. W. England	Marysville	Embroidery and ottoman	$2 00
Miss M. Cumberson	Marysville	Embroidery work	$1 00
Mrs. O. H. Westcoatt	Marysville	Bureau cover, tidy, etc.	$2 00
Miss A. Revere	Marysville	Lambrequin, bracket, etc.	$2 00
Mrs. M. Doyle	Marysville	Buggy robe, embroidered	$1 00
Miss F. Rogers	Marysville	Lambrequin and handkerchief	$2 00
Miss S. Bradley	Marysville	Sofa cushion	$1 00
Miss L. Karr	Marysville	Table scarf, etc.	$1 00
Miss M. Belcher	Marysville	Table scarf, embroidery, etc.	$3 00
Mrs. M. Walton	Yuba City	Bead embroidery, etc.	$2 00
Miss H. Ellis	Marysville	Stockings, etc.	$1 00
Mrs. W. H. Crook	Marysville	Skirt, embroidered	$1 00
Mrs. A. Clothier	Marysville	Sofa pillow, embroidered	$5 00
Miss J. Chandon	Marysville	Fire screens, embroidered	$2 00
Mrs. P. L. Bunce	Yuba City	Crewel and embroidery	$2 00
Mrs. J. S. Dallam	Marysville	Crewel and scarf	$1 00
Miss A. Revere	Marysville	Broom holder	$1 00
Mrs. J. Derringer	Marysville	Cushion, embroidered	$1 00
C. F. Lucas	Marysville	Vest, made in 1793	$2 00
CLASS VII.			
Mrs. W. England	Marysville	Canvas tidy	$1 00
Miss E. Shaffer	Marysville	Crochet tidy and basket	$2 00
Miss M. Cumberson	Marysville	Tidy and shams	$2 00
Miss A. Revere	Marysville	Satchel, lace, mats, etc.	$3 00
Miss M. Farrell	Marysville	Hair work, in frame	$2 00
Mrs. L. Gray	Marysville	Crochet work, tidy, etc.	$2 00
Mrs. T. Niesen	Marysville	Crochet shawl, sack, etc.	$3 00
Miss K. Williams	Marysville	Worsted flowers, in frame	$3 00
Mrs. E. E. Wise	Marysville	Lace work and shams	$1 00
Mrs. C. Graves	Marysville	Toilet set, lace work, etc.	$2 00
Mrs. W. England	Marysville	Knit work and lace work	$3 00

FOURTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS VII.			
Mrs. A. J. Spear	Yuba City	Handkerchiefs, hand-made	$1 00
Mrs. E. Kenneson	Marysville	Worsted mats, apron, etc.	$2 00
Miss J. Lopez	Marysville	Hair work, in frame	$2 00
Mrs. M. Walton	Yuba City	Crochet shawl, mat, etc.	$1 00
Miss G. Bradley	Marysville	Slippers, tidy, etc.	$2 00
Mrs. S. C. Gerow	Marysville	Hair work	$2 00
Mrs. A. P. Barnes	Marysville	Knitting work	$1 00
Miss M. Barnes	Marysville	Knitting work	$1 00
Miss M. Meek	Marysville	Afghan	$1 00
Mrs. J. P. Swift	Marysville	Tidies	$1 00
Mrs. E. F. Thomas	Yuba City	Knit lace	$1 00
Mrs. J. McConaughy	Marysville	Crochet shawl	$1 00
Miss E. Clothier	Marysville	Worsted shawl, etc.	$1 00
Mrs. D. McCrate	Marysville	Crochet tidy	$1 00
Miss F. Rogers	Marysville	Lady's sacque	$1 00
Mrs. J. J. Shaffer	Marysville	Toilet set	$1 00
Miss M. Farrell	Marysville	Worsted flowers	$1 00
Mrs. J. Derringer	Marysville	Tidy, stockings, bag, etc.	$2 00
Miss F. Smith	Marysville	Crochet tidy	$1 00
Mrs. O. H. Wescott	Marysville	Embroidery, fancy work, etc.	$5 00
Mrs. W. H. Crook	Marysville	Tidy, collar, etc.	$1 00
Miss N. Crook	Marysville	Worsted toilet set	$1 00
Mrs. M. Doyle	Marysville	Worsted cross, in frame	$1 00
Miss F. Rogers	Marysville	Shawl, slippers, etc.	$2 00
Mrs. J. A. Saul	Marysville	Tidies and apron	$2 00
Miss L. Karr	Marysville	Toilet set, tidy, etc.	$3 00
Miss M. Burkhart	Marysville	Hair work	$2 00
Miss M. Meek	Marysville	Linen lace	$1 00
Miss L. Tucker	Marysville	Toilet set, etc.	$1 00
Miss J. Lopez	Marysville	Hair work, tidy, etc.	$2 00
Mrs. H. C. Jones	Yuba City	Canvas work	$1 00
CLASS VIII.			
Mrs. J. R. Garrett	Marysville	Best exhibit by one lady	$6 00
Mrs. J. B. McDonald	Marysville	One afghan	$1 00
Miss C. McDonald	Marysville	Decorated china, hand-work	$3 00
Mrs. C. C. Harrington	Marysville	Sofa pillow	$1 00
Mrs. J. Chatterton	Marysville	Sofa pillow	$1 00
Mrs. A. J. Cumberson	Marysville	Door mat and moss work	$2 00
Miss K. Williams	Marysville	Door mats	$1 00
Miss M. Williams	Marysville	Tidies, etc.	$1 00
Mrs. W. England	Marysville	Afghan, cross, etc.	$2 00
Miss M. Cumberson	Marysville	Tatting and crochet work	$1 00
Miss E. Cumberson	Marysville	Feather trimming	$1 00
Mrs. L. Gray	Marysville	Pincushion and door mat	$2 00
Mrs. M. Garrett	Marysville	Afghan and pincushion	$1 00
Mrs. E. A. Davis	Marysville	Silk mittens, etc.	$1 00
Mrs. J. D. Seiferd	Marysville	Crazy work stand	$1 00
Mrs. J. McConaughy	Marysville	Child's skirt, etc.	$1 00
Miss A. Revere	Marysville	Pillowcase, needle work, knitting	$2 00
Miss C. A. Woodward	Marysville	Toilet and tidy	$1 00
Miss N. Crook	Marysville	Patterns, net work, etc.	$1 00
Mrs. J. Megee	Yuba City	Bible cushion	$1 00
Miss M. Meek	Marysville	Stockings, etc.	$1 00
Mrs. R. Van Horn	Marysville	Afghan, etc.	$1 00
Mrs. A. J. Spear	Yuba City	Hand-made rugs	$1 00
Mrs. C. N. Jenkins	Marysville	Fancy worked slippers	$1 00
Mrs. Mary Walton	Yuba City	Pillow shams, braided	$1 00
Miss G. Bradley	Marysville	Embroidered stand	$1 00
Mrs. S. C. Gerow	Marysville	Hand-made rug	$1 00
Mrs. S. Dever	Marysville	Worsted wreath, etc.	$1 00
Mrs. E. F. Thomas	Yuba City	Knit stockings, etc.	$2 00
Mrs. M. Bryden	Marysville	Worsted work and canvas work	$3 00
Mrs. J. M. Cutts	Marysville	Worsted lounge cover	$1 00
Mrs. W. H. Crook	Marysville	Table cover and stockings	$2 00

FOURTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Mrs. W. Daniels	Marysville	Braided underwear	$2 00
Mrs. C. H. Pease	Marysville	Door mats and rugs	$1 00
Miss L. Karr	Marysville	Lady's skirt, crochet work	$1 00
Mrs. J. P. Swift	Marysville	Apron and collar	$1 00
Mrs. J. S. Dallam	Marysville	Moss landscape	$1 00
Miss F. W. Smith	Yuba City	Knit work	$1 00
Mrs. J. Derringer	Marysville	Basket and tidies	$1 00

JUVENILE DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Lizzie McConaughy	Marysville	Two toilet sets	$1 00
Mary Kimball	Marysville	Bed quilt	$1 00
Mary Meek	Marysville	Charm string	$1 00
Mary Bryden	Marysville	Patchwork quilt	$1 00
A. Williford	Marysville	Dress and apron	$2 00
Ada Boorman	Marysville	Crochet collar, etc.	$1 00
L. Freyberger	Marysville	Afghan	$1 00
Maud Sherwood	Marysville	Charm string	$1 00
Daisy Hyde	Marysville	Best dress, made by her	$5 00
Ada Tyrrell	Marysville	Second best dress, made by her	$4 00
Nellie Bourne	Marysville	Third best dress, made by her	$3 00
Katie Stevenson	Marysville	Fourth best dress, made by her	$2 00
Annie Tucker	Marysville	Fifth best dress, made by her	$1 00
A. Williford	Marysville	Sixth best dress, made by her	$1 00
Jennie Tucker	Marysville	Seventh best dress, made by her	$1 00
Jennie Smith	Marysville	Boy's shirt, made by her	$1 00
Alice Tucker	Marysville	Fancy sewing, by her	$1 00
Cora Jenkins	Marysville	Dress and apron, made by her	$1 00

FIFTH DEPARTMENT.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
CLASS I.			
P. W. Griffith	Marysville	Photographs and views	$11 00
CLASS II.			
Mrs. O. H. Wescott	Marysville	Painted banners	$2 00
Mrs. Geo. H. Kimball	Yuba City	Oil paintings, framed	$12 00
Miss G. Wallace	Yuba City	Oil paintings, framed	$5 00
Miss F. Rogers	Marysville	Oil paintings, framed	$5 00
Miss S. Bradley	Marysville	Oil paintings, framed	$2 00
Miss L. Karr	Marysville	Hand-painted plaques	$2 00
Miss I. Marcuse	Marysville	Oil paintings, framed	$5 00
Miss M. Belcher	Marysville	Oil paintings, framed	$2 00
Miss E. Clothier	Marysville	Oil paintings, framed	$2 00
Miss L. Swain	Marysville	Oil paintings, framed	$5 00
Fred. A. Crook	Marysville	Cameo painting, framed	$1 00
Miss J. Chandon	Marysville	Oil painting, framed	$3 00
Mrs. J. J. Shaffer	Marysville	Painted tidy	$1 00
Henry Marcuse	Marysville	Stamp album	$2 00

FIFTH DEPARTMENT—Continued.

Exhibitor.	P. O. Address.	Article Exhibited.	Award.
Miss L. Swain	Marysville	Panel painting, framed	$1 00
Miss V. Fairren	Yuba City	Oil paintings, framed	$3 00
W. F. Lewis	Marysville	Oil paintings, framed	$3 00
CLASS III.			
E. C. Binet	Clipper Mills	Penwork and drawing	$5 00
Mrs. J. J. Shaffer	Marysville	Pencil drawing	$2 00
Miss A. Boorman	Marysville	Penmanship	$2 00
John Swank	Marysville	Penmanship	$2 00
Mrs. A. Clothier	Marysville	Spatter work	$1 00
Miss C. Jenkins	Marysville	Spatter work	$1 00
CLASS IV.			
Mrs. J. R. Garrett	Marysville	Display of fancy articles	$3 00
Miss F. Rogers	Marysville	Display of fancy articles	$2 00
Miss L. Karr	Marysville	Display of fancy articles	$2 00
Peter Angel & Co.	Marysville	Display of statuary	$2 00
Mrs. J. H. Gerken	Marysville	Display of wax flowers	$2 00
Miss A. Revere	Marysville	Display of rock work	$1 00
Mrs. C. N. Jenkins	Marysville	Display of artificial flowers	$1 00
Miss G. Bradley	Marysville	Wax leaves, imitation	$1 00
Dan. Donahoe	Marysville	Wax flowers, imitation	$2 00
Mrs. W. Daniels	Marysville	Paper flowers, imitation	$1 00
Mrs. W. England	Marysville	Wax cross, imitation	$1 00
Mrs. J. J. Shaffer	Marysville	Display of fancy articles	$2 00
CLASS V.			
B. Peel	Marysville	Stationer's fancy goods	$5 00
CLASS VI.			
Mrs. W. England	Marysville	Scrap book	$1 00
E. E. Meek	Marysville	Collection of stamps, framed	$1 00
T. J. Sherwood	Marysville	Coin, currency, and stamps, framed	$2 00
Miss K. Williams	Marysville	Scrap book	$1 00
Mrs. J. R. Garrett	Marysville	Scrap book	$1 00
Mrs. J. Learmont	Marysville	Scrap book	$1 00
Miss A. Ohleyer	Marysville	Scrap book	$1 00
J. Waddington	Marysville	Job printing and card printing	$12 00
CLASS VII.			
G. Pampel	Marysville	California wine and brandy	$10 00
S. R. Chandler	Yuba City	Sweet cider and vinegar	$4 00
D. McCarty	Marysville	Wines and liquors	$5 00

SHOOTING TOURNAMENT.

AT TWELVE CLAY PIGEONS.

Name.	P. O. Address.	Score.	Award.
G. W. Watson	Sacramento	First best score	$50 00
O. H. Wescott	Marysville	Second best score	$30 00
George Summy	Yuba City	Third best score	$25 00
George Saye	Yuba City	Fourth best score	$20 00
John Rice	Oregon House	Fifth best score	$15 00
A. D. Cutts	Marysville	Sixth best score	$10 00
Henry Brittain	South Butte	Seventh best score	$9 00
William Bedeau	Marysville	Eighth best score	$8 00
S. Sims	Sacramento	Ninth best score	$6 00
William Boase	Marysville	Tenth best score	$5 00

SPEED PROGRAMME.

TUESDAY, AUGUST 26, 1884.

RACE NO. 1—TROTTING.

3:00 Class. Mile heats, best three in five. Purse, three hundred dollars. Fifty per cent to first horse, twenty-five per cent to second.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Baby Mine, blk. m., by Nephew; dam, Black Hawk mare	P. W. Dudley	Oakdale.
Chris, b. g., by Henant Chief; dam, by Jim Brown	James Littlejohn	Yuba City.

Position at Starting.	*Position at Close.*			
1. Chris	Chris	1	1	1
2. Baby Mine	Baby Mine	2	2	2

Time—2:40¼; 2:40; 2:40.

RACE NO. 2—TROTTING.

The horse trotting one mile nearest to four minutes gets first money and so on to fifth. Purse, fifty dollars. Go as they please.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Flora	J. G. Lewis	Gridley.
Mollie	John Spangler	Yuba City.
Dart	J. H. Miller	Meridian.
Tag	Geo. Van Buskirk	Marysville.
Nellie	John Van Buskirk	Marysville.
Selum	Fred. Ohleyer	Yuba City.
Cola	Jas. Littlejohn	Yuba City.
Buckskin	L. Summy	Yuba City.
Kays	H. M. Harris	Marysville.

Position at Starting.	*Position at Close.*
Horses started separate and two minutes apart.	Buckskin first, in 3:59; Kays second, in 4:02¼; Dart third, in 4:02½; Flora fourth, in 3:57; Selum fifth, in 4:03¼.

WEDNESDAY, AUGUST 27, 1884.

Race No. 3—Trotting.

For three-year olds. Mile heats, best three in five. Purse, three hundred dollars. Fifty per cent to first horse, twenty-five per cent to second, fifteen per cent to third, and ten per cent to fourth.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Chevalier, br. s., by Brigadier	Charles Sherman	Chico.
Peyton, b. g., by Electioneer	G. W. James	Sacramento.
Pansy, b. f., by Berlin	Wilbur F. Smith	Sacramento.
Elite, b. m., by Nephew	P. W. Dudley	Oakdale.
Griselda, g. m., by Richmond	Chas. Schlutius	Sacramento.

Position at Starting.	*Position at Close.*	
1. Pansy	Pansy	1
2. Elite	Elite	2
3. Chevalier	Chevalier	3
4. Griselda	Griselda	4
5. Peyton	Peyton	5

Time—2:50¾; 2:41½; 2:36½.

Race No. 5—Trotting.

For four-year olds. Mile heats, best three in five. Purse, three hundred dollars. First horse, fifty per cent; second, twenty-five per cent.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Thapsin, b. g., by Berlin	Wilbur F. Smith	Sacramento.
Happy Jim, ch. h., by Brigadier	J. F. Shaffer	Gridley.

Position at Starting.	*Position at Close.*		
1. Happy Jim	Thapsin	1	1
2. Thapsin	Happy Jim	2	dis.

Time—2:50; 2:28.

THURSDAY, AUGUST 28, 1884.

Race No. 6—Trotting.

2:40 Class. Mile heats, best three in five. Purse, three hundred dollars. First horse, fifty per cent; second horse, twenty-five per cent; third horse, fifteen per cent.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Brigade, g. g., by Brigadier	Frank Grant	Marysville.
Sweet Home, br. m., unknown	H. S. Hogeboom	Sacramento.
Setting Sun, g. g., unknown	A. L. Hinds	Stockton.

Position at Starting.	*Position at Close.*	
1. Sweet Home	Sweet Home	1
2. Setting Sun	Setting Sun	2
3. Brigade	Brigade	3

Time—2:39; 2:36; 2:34.

RACE NO. 7—RUNNING—SWEEPSTAKE.

Half mile and repeat. Purse, four hundred and fifty dollars. First horse, three hundred dollars; second horse, seventy-five dollars; third horse, fifty dollars; fourth horse, twenty-five dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
White Stockings, ch. g.	George Simpson	West Butte.
Wild Bill, g. g.	F. A. Shaeffer	Gridley.
Phœnix, ch. g.	J. W. Dowell	Marysville.
Modoc, b. g.	Alexander Downey	Meridian.
Gray Tom, g. s.	C. Kenyon	Yuba City.

Position at Starting.	*Position at Close.*	
1. White Stockings	White Stockings	1
2. Wild Bill	Wild Bill	2
3. Phœnix	Phœnix	3
4. Modoc	Modoc	4
5. Gray Tom	Gray Tom	dis.

Time—0:52; 0:51½.

RACE NO. 8—TROTTING.

Yearling Class. Dash of one mile. Purse, two hundred dollars. Colts owned in district. First horse, fifty per cent; second horse, twenty-five per cent; third horse, fifteen per cent.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Transit, b. c., by Prompter	Morris Toomey	Sacramento.
Trovato, ch. c., by Sterling	C. F. Taylor	Sacramento.
Maud, ch. f., by Brigadier	Charles Sherman	Chico.

Position at Starting.	*Position at Close.*	
1. Transit	Transit	1
2. Trovato	Trovato	2
3. Maud	Maud	3

Time—3:08¼.

FRIDAY, AUGUST 29, 1884.

RACE NO. 9—TROTTING.

2:24 Class. Mile heats. Best three in five. Purse, six hundred dollars. First horse, fifty per cent; second horse, twenty-five per cent; third horse, fifteen per cent.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Huntress, ch. m., by Admiral	W. B. Todhunter	Sacramento.
Adair, b. g., by Electioneer	Wilbur F. Smith	Sacramento.
Belle Spencer, b. m., by Black Ralph	E. V. Spencer	Susanville.

Position at Starting.	*Position at Close.*	
1. Adair	Adair	1
2. Huntress	Huntress	2
3. Belle Spencer	Belle Spencer	dr.

Time—2:25; 2:27; 2:29; 2:37; 2:33.

RACE NO. 10—TROTTING.

For two-year olds. Mile heats; best two in three. Purse, two hundred dollars; first horse, one hundred doliars; second, fifty dollars; third, thirty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Alex, b. g., by Prompter	S. K. Trefry	Sacramento.
George W, s. s., by Brigadier	Charles Sherman	Chico.
Sutter Boy, b. g., by Echo	W. P. Harkey	Yuba City.

Position at Starting.	*Position at Close.*
1. Alex	Alex 1
2. Sutter Boy	Sutter Boy 2
3. George W	George W dis.

Time—2:58; 2:57½.

RACE NO. 11—RUNNING—SWEEPSTAKE.

Mile heats; best two in three. Purse, one hundred and thirty dollars.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Jubilee, ch. g.	Thomas Hazlett	Meridian.
White Stockings, ch. g.	George Simpson	West Butte.
Modoc, b. g.	James Dowell	Marysville.

Position at Starting.	*Position at Close.*
1. Jubilee	Jubilee 1
2. White Stockings	White Stockings 2
3. Modoc	Modoc 3

Time—1:53½; 1:52¼.

SATURDAY, AUGUST 30, 1884.

RACE NO. 12—TROTTING.

2:30 Class. Mile heats; best three in five. Purse, four hundred dollars; first horse, fifty per cent; second horse, twenty-five per cent; third horse, fifteen per cent.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Belle Spencer, b. m., by Black Ralph	E. V. Spencer	Susanville.
Fred Arnold, ch. g., by Nephew	W. M. Johnson	Oakland.
Ralph Bugbee, b. g., by Johny Bull	W. H. L. Smith	Oakland.

Position at Starting.	*Position at Close.*
1. Fred Arnold	Belle Spencer 1
2. Ralph Bugbee	Fred Arnold 2
3. Belle Spencer	Ralph Bugbee 3

Time—2:38½; 2:35; 2:40; 2:37.

RACE NO. 13—PACING.

Mile heats; best three in five. Purse, two hundred and fifty dollars; first horse, fifty per cent; second horse, twenty-five per cent; third horse, fifteen per cent; fourth horse, ten per cent.

Name and Pedigree of Horse.	By Whom Entered.	P. O. Address.
Shaker, b. g., by unknown	W. F. Odell	Sacramento.
Prince, b. g., by Missouri Chief	S. C. Tryon	Sacramento.
Nevada, b. s., by General Reno	W. B. Todhunter	Sacramento.
Ackerman, b. g., by Washington	J. T. McIntosh	Chico.
Robert E, b. g., by McCracken Black Hawk	P. W. Dudley	Oakdale.

Position at Starting.	*Position at Close.*	
1. Nevada	Shaker	1
2. Prince	Prince	2
3. Robert E	Nevada	3
4. Ackerman	Ackerman	4
5. Shaker	Robert E	5

Time—2:32; 2:33; 2:30; 2:32.

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